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ATHENS STATE COLLEGE

1981 - 82



NON-DISCRIMINATION

Athens State College does not discriminate on the basis of race, color, national or ethnic origin, religion, age, sex or marital status in admitting students to its programs or in administering its educational policies, scholarship and loan programs, athletics and other institutionally administered programs or activities generally made available to students at the college.

Athens State College complies fully with the provision of Title VI of the Civil Rights Act of 1964. The college is an equal opportunity employer. No person shall, on the ground of race, color, national origin, or sex be subject to discrimination under any program or activity of Athens State College. Further, Athens State College is complying with the provision of Section 504 of the Rehabilitation Act of 1973.

It is also the policy of Athens State College to comply with Title IX of the Education Amendments of 1972 which provides that "no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving federal financial assistance."

Any person who believes himself/herself, or any specific class of individual, to be subjected to discrimination prohibited by Title VI or Title IX of the Act of Regulations issued thereunder may, by himself/herself or a representative, file a written complaint with the United States Commissioner of Education or with this institution(or both).

Athens State College is approved by the Alabama State Department of Education for the training of elementary, secondary, and post-secondary school teachers. The Alabama State Department of Education is a member of the National Association of State Directors of Teacher Education Certification.

The catalog is the official announcement of the programs, requirements, and regulations of Athens State College. Students enrolling in the school are subject to the provisions stated herein. Statements regarding courses, fees, and conditions are subject to change without advance notice.

ATHENS STATE COLLEGE

Catalog

Volume V

Athens, Alabama

Number 1

Catalog and
Announcements
for
1981 - 82

Founded in 1822
State Affiliated 1975

ACCREDITATION AND MEMBERSHIPS

The Southern Association of Colleges and Schools
The American Council on Education
Council for Advancement and Support of Education
American Association of Colleges for Teacher Education

ATHENS STATE COLLEGE CATALOG

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ACADEMIC CALENDAR
1981-1982
Fall Quarter, 1981

Faculty Duty Days - 60

Instructional Days - 53

September 1, 2	Faculty In-Service Workshop
September 3, 4	Registration
September 7	Labor Day Holiday
September 8	Classes Begin
September 8-14	Late Registration
	Drop and Add
October 19	Withdrawal Period Ends
November 11	Veteran's Day Holiday
November 23, 24	Final Examinations--Day Classes
(Last class meeting)	Final Examinations--Night Classes
November 25	Grades Due--Noon
	Faculty Duty Day
	Grading & Reporting

WEEKEND CLASSES

September 11 - 12	October 2 - 3	November 6 - 7
18 - 19	9 - 10	13 - 14
25 - 26	16 - 17	20 - 21
	23 - 24	
	30 - 31	

Winter Quarter, 1981-82

Faculty Duty Days - 59

Instructional Days - 56

November 30	Registration
December 1	Classes Begin
December 1-7	Late Registration
	Drop and Add
December 18	Noon--Christmas Holidays Begin
January 4	Classes Resume
January 25	Withdrawal Period Ends
March 3, 4	Final Examinations--Day Classes
(Last class meeting)	Final Examinations--Night Classes
March 5	Grades Due--Noon

WEEKEND CLASSES

December 4 - 5	January 8 - 9	February 5 - 6
11 - 12	15 - 16	12 - 13
	22 - 23	19 - 20
	29 - 30	

Spring Quarter, 1982

Faculty Duty Days - 56

Instructional Days - 49

Spring Holidays, March 8 - 12 (AEA)

College Closed March 11 - 12

March 15..... Registration

March 16..... Classes Begin

March 16-22..... Late Registration

Drop and Add

April 15, 16..... Alabama Junior and Community College Convention

April 26..... Withdrawal Period Ends

May 26, 27..... Final Examinations--Day Classes

(Last class meeting)..... Final Examinations--Night Classes

May 28..... Grades Due--Noon

Faculty Duty Day

Grading & Reporting

May 29..... Graduation

WEEKEND CLASSES

March 19 - 20

26 - 27

April 2 - 3

9 - 10

16 - 17

April 30 - May 1

May 7 - 8

14 - 15

Summer Quarter, 1982

Faculty Duty Days - 54

Instructional Days - 50

June 7..... Registration

June 8..... Classes Begin

June 8-14..... Late Registration

Drop and Add

July 2..... Independence Day Holiday

July 19..... Withdrawal Period Ends

August 18, 19..... Final Examinations--Day Classes

(Last class meeting)..... Final Examinations--Night Classes

August 20..... Grades Due--Noon

Faculty Duty Day

Grading & Reporting

WEEKEND CLASSES

June 11 - 12

18 - 19

25 - 26

July 9 - 10

16 - 17

23 - 24

30 - 31

August 6 - 7

13 - 14

Short Term

May 31 - June 4

June 7 - June 11

July 12 - July 26

July 19 - July 23

CLASS SCHEDULES

Monday/Wednesday Day Classes and	
Tuesday/Thursday Day Classes	8:00 - 10:00
	10:10 - 12:10
	1:00 - 3:00
	3:10 - 5:10
Night Classes (On and Off Campus Sites)	6:00 - 10:10 p.m.
(10 minute break)	
Summer Day Term - Classes Meet Daily	8:00 - 10:10
	10:10 - 12:10
	1:00 - 3:00
	3:10 - 5:10
Weekend (Friday Night	6:00 - 10:00 p.m.
Saturday)	8:00 - 5:00
Short Term (Five Days)	8:00 - 5:00 daily

OFFICE AND HOURS

Dean of the College	Founders Hall	8:00 - 4:30 M-F
Admissions/Records and		
Financial Aids	Student Center	8:00 - 8:00 M/TH
		8:00 - 4:30 F
Bookstore	Student Center	7:30 - 8:00 M-Th
		7:30 - 4:30 F
Business Office	Founders Hall	8:00 - 6:00 M/Th
Business Office(Evening)	Bookstore in	6:00 - 8:00 M/Th
	Student Center	
Business Office	Founders Hall	8:00 - 4:30 F
Cafeteria	Student Center	7:00 - 8:30 M-Th
		7:30 - 5:30 F
		8:00 - 4:30 Sat.
		9:00 - 1:30 Sun.
Placement/Coop Office	Student Center	8:00 - 8:00 M-Th
		8:00 - 4:30 F
Post Office	Student Center	8:00 - 4:30 M-F
Extended Day Office	Student Center	2:00 - 10:00 p.m. M-Th
		8:00 - 4:30 F
Financial Aid/	Student Center	8:00 - 8:00 M-Th
Veteran Affairs		8:00 - 4:30 F

College Telephone Number
205-232-1802

GENERAL INFORMATION

HISTORY

Athens State College, during the academic year 1975-76, became simultaneously the oldest and youngest institution of higher education in the state education system. It was founded in 1822 by citizens of Athens who purchased five acres of land, erected a building, and began Athens Female Academy. Ownership of the school was transferred to the Tennessee Conference of the Methodist Church in 1842. With the birth of the North Alabama Conference of the Methodist Church in 1870, the college came under the jurisdiction of that body.

The Board of Trustees voted in May, 1974, to request approval from the North Alabama Conference of the United Methodist Church for the college to seek affiliation with the state of Alabama. The conference, at its annual meeting, in June, 1974, gave the college trustees this permission and authorized the transfer of the college to the state of Alabama.

On June 11, 1975, the college was accepted by the Alabama State Board of Education subject to the appropriation of operating funds by the Alabama Legislature. On November 18, 1975, the legislature appropriated funds for the operation of the college to serve the community college and technical college graduates of the state. Thus, Athens College became Athens State College.

The name of the institution has changed following adjustments in purpose and governance. Athens Female Academy, upon transfer to the Tennessee Conference of the Methodist Church in 1842, became Athens Female Institute of the Tennessee Annual Conference of the Methodist Church. Then, in 1889, after having been transferred to the newly formed North Alabama Conference, the college was known as Athens Female College. In 1931, the college became co-educational and was known as Athens College. On November 24, 1975, the name became Athens State College. State affiliation marked the initiation of an era of increased opportunity for service. A long history of dedicated service is the foundation upon which the future of Athens State College rests.

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PURPOSE

Athens State College is a two-year, upper-division college operating under the auspices of the Alabama State Board of Education, serving primarily graduates of junior colleges and technical schools of the state. The college provides an education for qualified individuals who seek to develop their general knowledge, technical or professional skills. Athens State College prepares the student for immediate service in a profession or vocation, for flexibility in future employment, for success in graduate school, and for enrichment of daily life. The college extends educational opportunities to the greater community through public services and continuing education programs.

GOVERNANCE

Athens State College operates under the auspices of the Alabama State Board of Education and is administered by the Alabama State Superintendent of Education in accordance with approved standards.

MEMBERS OF ALABAMA STATE BOARD OF EDUCATION

Governor Forrest (Fob) James, President

**Superintendent Wayne Teague
Executive Officer and Secretary**

CONGRESSIONAL DISTRICT

NAME AND ADDRESS

TERM

First	Mr. John M. Tyson, Jr. 3920 Berwyn Drive South Mobile, AL 36609	1981-1985
Second	Mr. Ron Creel Post Office Box 1207 Montgomery, AL 36102	1979-1983
Third	Mrs. S. A. Cherry 3002 Briar Cliff Road Dothan, AL 36301	1981-85
Fourth	Mr. Ralph D. Higginbotham Post Office Box 1408 Anniston, AL 36201	1979-1983
Fifth	Mr. Victor P. Poole Post Office Box 207 Moundville, AL 35474	1981-1985
Sixth	Dr. Harold C. Martin 1916 Laurel Road Birmingham, AL 35216	1979-1983
Seventh	Dr. James B. Allen, Jr. 1321 Bellevue Drive Gadsden, AL 35901	1981-1985
Eighth	Mr. Roscoe Roberts, Jr. Post Office Box 287 Huntsville, AL 35804	1979-1983

ADMISSIONS

ADMISSION PROCEDURES AND GENERAL REQUIREMENTS

All students applying for admission to Athens State College must complete an application for admission and return it to the Office of Admissions accompanied by the required application fee of \$15.00. This fee covers the cost of processing the student's file and is neither refundable nor applicable to tuition.

Official transcripts from each college previously attended are required. The applicant must request that these be sent directly to Athens State College, Attn: Office of Admissions, Athens, AL 35611. A student completing a program at another institution and seeking enrollment at Athens State College without sufficient time to arrange for official transcripts prior to registration may be admitted as a "conditional student" with all privileges of a regular student for the quarter. A student admitted under this provision must see that all official transcripts are in the Office of Admissions prior to the end of the quarter in which he/she first enrolled.

Athens State College operates on the quarter system. Credits earned in semester hours will be evaluated upon transfer in terms of quarter hours on the basis of one (1) semester hour equals one and one-half quarter hours. For example, a three (3) semester hour course equals four and one-half (4.5) quarter hours. Grades of "D" will not be accepted on the initial evaluation for those students having less than the required 2.0 grade point average. The student may petition at a later date through his/her advisor to have the "D's" accepted, provided sufficient quality points are earned with Athens State College. Grades of "D" will not be accepted if they cause the overall grade point average to drop below 2.0.

Admission Update

A student returning after an absence of one quarter or more must complete a re-admissions application form only if name and address have changed. There is no additional application fee.

ADMISSION REQUIREMENTS

Regulations for Admission of Junior College Transfer Students

Junior college transfer students may be admitted to Athens State College provided they have earned the following:

A degree from an institution accredited by the Southern Association of Colleges and Schools or another regional accrediting agency

or

Ninety-six quarter hours of college credit with a 2.0 grade point average on a 4.0 scale.

A junior college transfer student may be admitted with eighty-six (86) quarter hours provided he/she has a cumulative "C" (2.0 grade point average on a 4.0 scale) and written permission from the Academic Dean of the junior or

Admission Requirements

community college. (This regulation applies when the student does not plan to receive the Associate degree from the junior or community college and does not need additional courses at the junior college level.)

Regulations for Admission of Vocational and Technical College Transfer Students

Athens State College admits graduates of accredited vocational and technical college programs as regular degree-seeking students.

The student must provide an official transcript annotating degree/diploma received and technology completed. Credit is awarded only if the student has graduated or completed an approved program. The official transcript is reviewed by the Dean's office and credit may be awarded up to sixty-five (65) quarter hours depending on the particular technology. Individually related subject courses and grades **cannot** be directly transcribed as regulated by the State Department of Education and the Southern Association of Colleges and Schools. Therefore, credits earned by this method will not be used in determining the overall grade point average.

Dual enrollment may be permitted in order to allow students an opportunity to complete the following junior college general education requirements:

Freshman Composition	10 quarter hours
Math	5 quarter hours
Science	5 quarter hours
Social Science	5 quarter hours
History	5 quarter hours

Regulations for Admission of Four-Year College Transfer Students

A student who has completed at least the freshman and sophomore years from a four-year accredited institution is accepted as a transfer student and may transfer any number of credits to Athens State College; however, at least forty-five (45) of the final fifty-four (54) quarter hours must be completed in residence at Athens State College.

Regulations for Admission of Transient Students

- A. An applicant who wishes to be admitted to Athens State College as a transient student must complete application for admission to Athens State College and provide the Director of Admissions with (1) a letter of good standing and permission each quarter from the Academic Dean of the institution in which they are currently enrolled, and (2) approval from said Dean of specific, proposed courses.
- B. Upon completion of the course(s), the transient student must make a written request to have an official transcript mailed to the parent institution.

Regulations for Admission of Special Students

A. Limited Study

A student who has not completed the required number of credit hours to be accepted as a regular degree-seeking student and who wishes to pursue a limited objective may be admitted as a special non-degree-seeking student. A special student is restricted to a maximum of ten (10) quarter hours per term with credit recorded as a regular degree-seeking student. To avoid duplication of credit, it is recommended that this student provide official transcripts (if any) of all colleges or universities previously attended.

B. Personal Enrichment

An individual who wishes to attend Athens State College for personal enrichment or self-improvement will be limited to ten (10) quarter hours per term with credit recorded as for regular degree-seeking students. This student is admitted as a special non-degree-seeking student and is not required to furnish official transcripts (if any).

C. Auditing

A student who is currently attending high school or who has not earned a high school diploma or the equivalent may only audit courses. No credit is awarded for auditing. Any individual may elect to attend classes at Athens State College on an audit basis. An audit student must complete an application for admission.

Regulations for Admission of Former Students in Good Standing

A student who has previously attended Athens State College and is currently in good standing is automatically re-admitted. A returning student should complete an application form to update name and address information. No additional application fee is charged.

If a returning student plans to seek a degree from Athens State College and has attended another college or university during his/her absence from Athens State College, official transcripts must be mailed directly from the college or university attended to the Office of Admissions, Athens State College, Sandridge Student Center, Athens, Alabama.

Regulations for Admission of Post-Graduate Students

A. Teacher Certification

A student holding a degree from another institution and taking courses at Athens State College for teacher certification is required to submit two (2) copies of all official transcripts from each institution previously attended. These transcripts are not evaluated or recorded but are used in determining teacher certification requirements. (See "Teacher Certification" page 42 of catalog).

B. Second Degree

A student seeking a second degree must meet all admission requirements, complete all catalog requirements for the major in that degree, and complete a minimum of forty-five (45) quarter hours in residence at Athens State College.

Regulations for Admission of Foreign Students

Generally, to be considered for admission, a student from a non-English-speaking country must hold an Associate's degree from an accredited junior, community, or technical college of the United States.

A foreign student not transferring with an Associate's degree or the equivalent in credit hours from a United States junior, community, or technical college may be required to complete competency testing to demonstrate proficiency in the English language.

All applications, transcripts, and other credentials must be submitted to the college for review by the Admissions Committee prior to the acceptance or enrollment of a foreign student. It is the responsibility of the student to have foreign transcripts evaluated by an approved agency. The student must contact the Director of Admissions for a list of the approved agencies.

The college shall restrict its foreign student population so as not to exceed ten percent (10%) of the total residential population within the dormitories and shall seek to assure global balance within the ten percent (10%).

A foreign student, once cleared for admission to the college, will be required to place on deposit with the Business Office of Athens State College a \$1,000 U. S. cashier's check as a guarantee against the fluctuation of international currency exchange rates. Such deposits shall not be returned to the student until he/she permanently separates from the college or until the final quarter preceding his/her graduation, whichever comes first. This deposit shall preclude the usual dormitory damage deposit for students.

A foreign student classified as a non-citizen must pay non-citizen tuition. A foreign student classified as an immigrant must pay tuition as a United States citizen.

Regulations For Admission of Students With Credit From Non-Traditional Sources

Athens State College provides an opportunity for the student to earn a reasonable amount of credit toward the baccalaureate degree through methods other than formal classroom instruction. While non-traditional credit may be applied toward a degree granted by Athens State College, it should not be assumed that such credit will be accepted automatically by another institution.

A person who does not meet normal admission requirements with formal course work may be admitted as a special student on the basis of prior extra-institutional training or skill attainment through program evaluation. The standards are established by the American Council on Education. The student is cautioned that the nature of this work and/or skills must be able to bear the scrutiny of an academic accrediting agency and that the work or skills must be equivalent to college-level work. The individual who believes he/she can qualify under this provision should contact the Athens State College Office of Admissions for further information. No formal evaluation on non-traditional materials will take place until the potential student makes written application to the college, pays the application fee, provides copies of all materials for evaluation, including official transcripts of any formal training, and successfully completes one quarter of study.

Regulations For Admission of Students With Probationary Status

A student with probationary status wishing to attend Athens State College must provide official transcripts from all colleges or universities previously attended. These transcripts will be reviewed by the Admissions Committee to determine admissibility.

A student who has been suspended indefinitely from another institution during the current academic year will not be permitted to enter Athens State College. A student who has been out of school for more than one year after being suspended indefinitely by another institution will be considered by the Admissions Committee for admissibility.

FINANCIAL INFORMATION

TUITION, FEES, EXPENSES, and FINANCIAL AID

The charge of \$15.00 per quarter hour includes tuition and a student activity fee. All fees are due and payable at registration. No student will be allowed to defer payments.

Tuition - Out-Of-State and Foreign Students

The charge for non-U.S. citizens and out-of-state residents is thirty dollars (\$30.00) per quarter hour for tuition including a student activity fee. (Foreign students should consult this college catalog, page 4, for information relevant to enrollment.).

Special and Incidental Fees

The following is a tentative list of special and incidental fees which are not listed elsewhere. All fees are subject to the approval of the State Board of Education.

Practice teaching	\$25.00
Music (piano, organ, voice) half hour lesson	30.00
Special course fee (labs, off-campus, etc.)	15.00
Typing fee	5.00
Late registration fee	10.00
Drop or add	\$5.00 per change
Transcript of grades (after first request)	1.00
Graduation fee	30.00
Audited courses	\$7.50 per hour
Key deposit	2.00
Advanced standing with credit exam	7.50
Recording of advanced standing with credit grades	\$14.00 per hour
Returned check fee	5.00
Parking decal	1.00
I. D. card	\$1.00 first time issued
Dormitory Deposit	50.00

Dormitory

Room* - \$150.00

*Subject to a \$45.00 per quarter additional charge for single occupancy. Total fee is due at registration.

Meal Plan

Per Quarter*	5--Meal Week	\$137.50
	12--Meal week	310.00
	20--Meal week	400.00

All plans plus tax. Meals are also available on an "a la carte" basis. Meal tickets may be purchased from the cafeteria.

*Prices subject to change.

Refunds

Refunds are made only after an official withdrawal information form, obtained from the Records Office and duly completed, is filed with the Business Office. The date the Business Office receives the official withdrawal form determines the refund period. Tuition for the regular academic year is refundable as follows:

Withdrawal Date	Percent Refundable*
Prior to beginning of classes	100%
During the first week	75%
During the second week	50%
During the third week	25%
After close of third week	0%

*This percentage is calculated on the net amount after the non-refundable portion has been deducted. Fees are non-refundable.

Room and board are pro-rated weekly; any part of a week shall constitute a full week.

Short term and weekend courses are pro-rated on a hourly basis in direct relationship to the quarterly rate. (Check the quarterly schedule for specific dates).

In unusual circumstances such as illness or official government orders, students may petition the Dean of the College for special consideration.

The college reserves the right to suspend or expel students whose conduct is disruptive to the college. In such cases no refund will be made.

Generally, refund checks will not be issued before the end of the sixth week of the quarter. Drop fees are deducted from tuition refund.

Returned Checks

Students whose checks fail to clear their bank accounts, for whatever reason, including "Insufficient Funds", "Account Closed" or "Payment Stopped", must pay a \$5.00 returned check fee. If the check in question is for payment of tuition, an additional \$10.00 late fee will be charged.

All checks not cleared are forwarded to the Attorney General for the State of Alabama in Montgomery for collection.

Grades Withheld

A student failing to meet his/her financial obligations to the college may have his/her quarterly grade report and all other academic transactions withheld until such obligations are cleared through the Business Office. Such obligations include tuition payment, room rent, fees, parking fines, library fines, overdue library books, returned checks, dormitory damage, returned check fees, and student loans.

FINANCIAL AID

The administration and faculty of Athens State College believe that any serious student should have an opportunity to pursue a college education regardless of his/her financial resources. To support this belief, the college maintains a vital financial aid program.

Financial Information

Students desiring financial assistance through the college must submit an Athens State College application for financial aid, together with a confidential statement, upon application for admission. Forms may be obtained from the Financial Aid Office, Sandridge Center, Athens State College, Athens, Alabama, 35611.

Filing of the above applications, together with a statement of the amount of assistance required makes the student eligible for consideration for all forms of financial assistance available from the college. Endowed scholarship funds, as available, will be awarded to students according to the guidelines established by the donors.

Sources of Financial Aid

- A. Grants
 - 1. Basic Educational Opportunity Grants
 - 2. Supplemental Educational Opportunity Grants
- B. Student Employment
 - 1. College Work-Study Program
 - 2. Institutional work program
- C. Student Loans
- D. Special Aid Programs
 - 1. Veterans Educational Benefits
 - 2. Dependents Educational Assistance Benefits
 - 3. Alabama GI Dependents Benefits
 - 4. Social Security Benefits for Eligible Students
 - 5. Vocational Rehabilitation
 - 6. Law Enforcement Education Program Grants
- E. Scholarships and Loan Funds

(For additional information, see the **Athens State College Student Handbook** and the Financial Aid Brochure.)

VETERANS EDUCATIONAL BENEFITS

Eligibility

Veterans are eligible for educational benefits if they have served on active duty for a period of not less than 181 days and were discharged or released from service under conditions other than dishonorable. Educational benefits are available for a period of ten years from date of discharge. Benefits may be approved under other circumstances on an individual basis.

Application

If benefits have never been received previously, the student must complete VA Form 22-1990 (Application for Education Benefits). A copy of the DD214 must be submitted along with the application. If benefits have been received previously at another institution or if benefits have been used in another program, the student must complete VA Form 22-1995. When applying for the dependent's rate, the student must submit marriage and/or birth certificates. These documents are retained by the VA and need be submitted only once. All necessary forms are available in the Office of Financial Aid/Veterans Affairs.

Dependents Assistance

The Dependents Educational Assistance Program provides for the education of dependents of veterans who were either killed or permanently disabled while in the service. Those dependents of service persons termed missing in action or forcibly detained are also eligible. Payments of up to \$342 a month for a maximum of forty-five (45) months are usually provided for children between the ages of eighteen (18) and twenty-six (26). Marriage does not interfere with this benefit.

Post-Vietnam Veterans

The Post-Vietnam Veterans Educational Assistance Act is basically a voluntary, contributory matching program for persons entering the service after December 31, 1976. Benefits are accumulated from the participant (service person) and matching funds from the VA at the rate of \$2.00 for every \$1.00 contributed by the participant. The participant's contribution is limited to the range of \$50 - \$75 monthly up to a maximum of \$2,700. The basic cut-off date is ten years after the last date of discharge from active duty after January 1, 1977. Entitlement is limited to a maximum of thirty-six (36) months or the number of months of participation, whichever is less.

VA Work-Study

To be eligible for work-study a veteran must be enrolled in a full-time course of education under the GI Bill of the Veterans Vocational Rehabilitation Program. Preference is given to disabled veterans. Attempts are made to capitalize on the student's major area of study so that the work performed will be a practical extension of his/her education. Veterans may work up to a maximum of 250 hours per enrollment term. Payment for the work performed is at the prevailing minimum hourly wage rate, in addition to the usual subsistence allotment. An advance equal to the first one hundred (100) hours work is available as soon as the employment agreement is processed. After the initial one hundred (100) hours, the VA pays the work-study student after each additional fifty (50) hours of work.

Tutorial Assistance

Veterans enrolled on a half-time or greater basis may receive a special allowance for individual tutoring. To qualify, the veteran must demonstrate deficiency in a particular subject making tutoring necessary. Each tutor's qualification must be reviewed and approved by the Office of Financial Aid/Veterans Affairs. Under this program a veteran may receive up to \$72 per month with a maximum of \$869 in tutorial fees.

VA Education Loan Program

Any veteran who receives VA benefits and who is enrolled in a course of study leading to a standard college degree may be eligible to borrow up to \$2,500 per academic year. The amount by which the student's educational expenses exceed the student's available financial resources determines the amount of the loan. Applications for loans should be submitted as soon as possible after the beginning of the term for which the loan is to be applied. The loan becomes due nine (9) months after the veteran ceases to attend at least half-time. The loan may be repaid in installments over the next ten (10) years and nine (9) months.

VETERANS ACADEMIC REQUIREMENTS

Veterans Course Load

A full-time course load for a student receiving veterans' benefit is twelve (12) quarter hours or more; a three-quarter time load is nine (9) quarter hours; a one-half time load is six (6) quarter hours. Less than six (6) quarter hours is considered less than one-half time and the veteran is paid in the form of tuition reimbursement.

Current VA regulations apply for all short term courses which do not satisfy the minimum amount of contact hours per week, regardless of the amount of credit hours earned for such courses. For complete information regarding "short term courses" contact the Office of Financial Aid/Veteran Affairs.

Selection of Program

In consultation with an admissions counselor or an academic advisor, each veteran student must select and plan a program in accordance with the Athens State College Catalog. Assistance in determining a course of study or a change of program will be furnished by the Office of Financial Aid/Veterans Affairs.

Standards of Progress

The following standards must be met in order for veterans or other eligible persons to receive VA benefits:

1. Grading system as required by the academic standards of the school.
2. Satisfactory grade level as required by the academic standards of the school.
3. Probation and probationary periods as required by the academic standards of the school.
4. Conditions for dismissal, suspension, and readmission as required by the academic standards of the school.
5. Satisfactory student conduct as required by the rules and regulations of the school.

In addition to failing to meet the standards of the school, the student who receives VA benefits will have his/her pay suspended should he/she make the grades of "F" and "I" preventing completion of his/her program within the required time limit. Reports of unsatisfactory progress or conduct will be made to the Veterans Administration Regional Office and the student may require counseling.

Withdrawal Policy

Students who receive veterans benefits must notify the Office of Veterans Affairs when dropping or adding a course and when withdrawing from school. Each withdrawal or drop resulting in a reduction in the course load must show (1) the effective date of the change, (2) the reason for the change, and (3) the grade level at the time of the change if after the drop and add period. The withdrawal policies of the school also apply.

Veterans Payments and Responsibilities

Receipt of Checks

A student who completes an application at the beginning of the quarter should expect a VA processing period of about six (6) weeks. If the estimated time has elapsed and a check has not arrived, the student should contact the Office of Financial Aid/Veterans Affairs immediately and, if the case warrants, an inquiry will be made to the Regional Office.

Payment

Since Athens State College does not participate in the advance payment plan for veterans, tuition and fees must be paid in full at the time of registration (except for those veterans receiving Vocational Rehabilitation). Veterans receiving Vocational Rehabilitation are eligible to register without payment of tuition and fees providing that an award authorization letter has been received prior to the registration period.

Overpayments

Each veteran drawing benefits should be aware that it is his/her responsibility to comply strictly with the policies and procedures which govern the receipt of educational benefits. Any over payment created through non-compliance with veterans policies is subject to repayment, and such overpayment can cause a delay in the payment of further benefits.

Veterans Responsibilities

It is the responsibility of the veteran and dependents receiving VA benefits to notify the Office of Financial Aid/Veterans Affairs of the following:

- A. Major subject
- B. Prospective graduation date
- C. Changes
 - 1. drops and/or adds
 - 2. credit level
 - 3. major
 - 4. dependency status

VETERANS GENERAL INFORMATION

The above mentioned policies are based on the rules and regulations of the Veterans Administration and are subject to amendment and revision without notice. Complete information about all veterans programs, including pay scales and benefits, can be obtained from the Office of Financial Aid/Veterans Affairs.

STUDENT AFFAIRS

All students are held responsible for knowledge of all Athens State College rules and regulations as stated in this catalog, the **Athens State College Student Handbook**, and as posted on bulletin boards.

STUDENT GOVERNMENT ASSOCIATION

All members of the student body belong to the SGA. Officers and class representatives are elected annually. The college organizational structure provides for and encourages democratic student involvement in the affairs of the college.

The Student Government Association meets at regular intervals and the meetings are open to all students who wish to observe the proceedings. Every student should feel at liberty to make suggestions to the SGA, to any committee, or to any officer of the college administration.

INTERCOLLEGIATE AND CAMPUS RECREATION AND SOCIAL ACTIVITIES

Intercollegiate Athletics

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Athens State College is an active member of the Southern States Conference including colleges from Alabama and Mississippi. Athens State is a member of the National Association of Intercollegiate Athletics.

The intercollegiate athletic program at Athens State College is an integral part of the total educational program. The basic aims of the program are as follows:

1. To provide a well-rounded schedule of intercollegiate athletic competition consistent with the educational goals of the institution.
2. To encourage physical fitness and emotional control and to foster good sportsmanship, school spirit, and loyalty.
3. To provide an opportunity for the student body to witness and enjoy intercollegiate athletic competition.
4. To provide opportunities for the student with superior athletic talents to participate in organized competition with students of similar ability from other colleges and universities.

Intramural and Recreational Program

The intramural and recreational program is directed by the Department of Physical Education, Recreation and Intramurals. Excellent on-campus facilities afford a wide range of activities which promote a spirit of competition, fellowship, and sportsmanship. These facilities may be used at the scheduled periods of operation by all students and their families. Among the most popular activities are football, softball, basketball, tennis, golf, swimming, ping-pong, and billiards.

Other Social Activities

In addition to sports, there are dramatics, musicals, and social activities of various clubs and fraternities, and the Student Government Association Activities Committee of the SGA schedules dances, beauty reviews, concerts by recording artists, and a series of cultural events.

CLUBS AND ORGANIZATIONS

Athens State College provides an opportunity for the student to participate in social, professional, and honorary organizations. All clubs and organizations are listed and described in the **Athens State College Student Handbook**.

PUBLICATIONS

Student publications are vehicles for student expression. The Student Government Association supports all student publications and serves as an advisory committee in the formulation and implementation of policies and procedures relating to student publications.

The SGA is responsible for formulating a code of ethics for student publications and acts in an advisory capacity in the selection of editors. Student publications include **The Columns**, the yearbook; **The Athenian**, the college newspaper; and **The Gyre**, the literary magazine.

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BULLETIN BOARDS AND POSTERS

The bulletin boards located in the Student Center may be used by students in displaying announcements of interest. Boards designated for special purposes are so marked and are not for general use. All posters and/or announcements must be approved by the Student Services Office. The college reserves the right to remove any unauthorized poster or sign. Students are requested to use masking tape, rather than scotch tape, when displaying posters.

STUDENT SERVICES

Athens State College provides the following services for students: dormitories, cafeteria, bookstore, post office, special evening academic office, and a Placement/Co-op Office. Each student may acquire a post office box. (For financial information regarding dormitories and food service see page 6 of the catalog.)

The Placement/Co-op Office is a job placement service for graduating seniors and alumni. Counseling concerning employment opportunities is provided for all students, and alumni and active assistance in locating positions is given to graduates. Interviews with prospective employers who visit the campus for recruiting purposes are arranged throughout the year. This office also assists undergraduate students in locating part-time, full-time, and summer employment.

STUDENT RECORDS

In accordance with Public Law 93-380, The Family Educational Rights and Privacy Act of 1974, each student and former student of Athens State College has the right to inspect his/her official educational records in the Admissions and Records Office. This right of inspection does not apply to any confidential information submitted to this office prior to January 1, 1975, nor to access by students or former students to financial records of their parents. Under this act, the college may not release information concerning a student without the student's written permission.

The Family Education Rights and Privacy Act in its entirety is available for student reference in the Admissions and Records Office. Each student should become aware of the provisions of this act.

REQUEST FOR TRANSCRIPT OF CREDIT

In compliance with the Family Educational Rights and Privacy Act, Athens State College releases transcripts of a student's credits in accordance with the guidelines published in the section on "Release of Education Records." A student or former student who desires a transcript from Athens State College should write to the Records Office, giving the dates of attendance and the name of the institution or person to whom the record is to be released. **Oral requests are not honored.** A student should be sure to state all names which may have been entered on his/her college educational records. A student may secure an unofficial transcript for personal use, but official transcripts are sent only to other colleges or organizations for reference purposes. Transcripts are unofficial when delivered "by hand."

Each student is entitled to one transcript without charge. A \$1.00 transcript fee is charged for each additional transcript whether it is an official or unofficial copy.

TESTING REQUIREMENTS

Students planning to attend graduate school should check with the selected school to determine whether or not the GRE is required. Those students planning to apply for Alabama teacher certification must take the ITCT. The student is not eligible to take the ITCT until he/she can supply proof of graduation; however, the student must register for the test prior to graduation. Since neither the GRE or the ITCT is given at Athens State College, students should consult the brochures available from Admissions and Records (or in the case of the ITCT, the Education Department) for scheduled times and sites. Students are advised to check with Admissions and Records (or the Education Department) two quarters prior to graduation in order that the test results can be recorded in time.

SPECIFIC REGULATIONS

Smoking

Smoking is not permitted in the library or in the classrooms.

Infractions and Disciplinary Procedures

Intrinsic to a student's enrollment at Athens State College is his/her agreement to abide by the rules and regulations published by the college. The college expects every student to conduct himself/herself in a manner compatible with the lawful missions of this tax-supported college and which is not prejudicial to the school's general welfare or otherwise unbecoming a student.

Some specific forms of prohibited conduct are as follows:

1. Dishonesty, such as cheating, plagiarism, or knowingly furnishing false information to the college.
2. Conduct in violation of federal, state, or local laws.*
3. Destruction or theft of property.
4. Obstruction or disruption of the college's academic program or operations.
5. Failure to comply with directions of a college official acting in performance of his/her duties.
6. Violation of library and traffic regulations as provided for in this catalog, **Athens State College Student Handbook**, or other rules or regulations that may be printed.

*Punishment is consistent with federal and state statutes and local ordinances.

Violations of any of the above will render a student subject to disciplinary action under the procedures outlined in this catalog. These procedures provide for adequate notice and a fair hearing.

Penalties for violations include reprimand, probation, loss of privileges, suspension, expulsion, and other penalties which may be set forth in college regulations published in the catalog or the Athens State College Student Handbook. In case of a serious violation of college regulations wherein a student's continued presence materially threatens the welfare of the college, the President or his designated representative may suspend the student immediately pending a formal hearing by the Judicial Committee.

Any case involving violation of published policies and regulations in this catalog or the Athens State College Student Handbook will be brought to the immediate attention of the Assistant Dean for Academic and Student Services in an effort to arrive at a mutually satisfactory conclusion. If a satisfactory conclusion is not reached the Assistant Dean for Academic and Student Services may determine that the case should be referred to the Judicial Committee.

If a case is referred to the Judicial Committee, the Assistant Dean for Academic and Student Service will ensure the following:

1. Written notice will be provided the student three (3) calendar days in advance of the hearing data. The student will be given a list of witnesses and a copy of their statements or complaints, along with other evidence and affidavits which the college intends to submit against the student.

Student Affairs

2. The student is permitted to have counsel present at the hearing to advise him/her. The student or his/her attorney may question any witness at the hearing who gives evidence against him/her.
3. The student is permitted to hear the evidence presented against him/her and will be permitted the opportunity to present his/her own case, his/her version of the incident and any exhibits, affidavits, or witnesses on his/her behalf.
4. A complete record of the hearing will be made.
5. The student has the right to appeal any decision recommended to the President by the Judicial Committee to a three-member Appeals Committee consisting of the Dean of the College, the Student Government Association President, and the Chairperson of the Faculty Benefits Committee.

Final local responsibility for discipline is vested in the President of the college.

Expulsion will be recorded on the student's permanent record in the Records Office.

The college guarantees that the fundamental principles of fair play are observed and assures that no disciplinary action is taken on grounds which are not supported by substantial evidence.

Conscious effort is made to assure that all college regulations are within the scope of the lawful missions of tax-supported higher education. It is recognized that it is not a lawful mission of the college to prohibit the exercise of a right guaranteed by the Constitution or a law of the United States. However, the President will take direct and appropriate action in any case involving the integrity of the college and the well-being of the students.

Social Probation

Probation is the middle status between good standing and suspension or expulsion. The student on probation remains enrolled but under conditions as stated by college policies. Probation covers a trial period during which it is determined whether or not the student should be returned to good standing.

Disciplinary probation at Athens State College means that the student is being given a "second chance" socially for an appointed period of time.

A second major social violation will affect the probation and subject the student to suspension if the court so rules.

College policies on disciplinary probation state that the probationary period must be defined for all students placed on disciplinary probation. The conduct and attitude of a student will be evaluated and the probation continued if desirable conduct has not been displayed. A record of the disciplinary probation will be filed in the student's folder in the Records Office.

After the evaluation and review, remarks concerning the activities of the student during this period will be noted in writing.

CHANNELS of COMMUNICATION

Each student has the right to express an opinion, make a suggestion, or submit a grievance. For the simplest and most direct action, the student should use the channels in the order listed below:

1. The Student Government Association
2. Assistant Dean of Academic and Student Services
3. The Dean of the College
4. The President of the College

Opinions, suggestions, questions, or grievances relating to the academic area should be directed to the Dean of the College.

ACADEMIC AFFAIRS

GRADUATION REQUIREMENTS

To graduate, each student must meet the following general college requirements and conditions:

1. Forty-five (45) of the last fifty-four (54) quarter hours study with Athens State College.
2. A minimum of fifteen (15) quarter hours on the Athens State College main campus.
3. Sixty-three (63) quarter hours of 300/400 level college credit.
4. A minimum of ninety-six (96) quarter hours of senior college credit.
5. All course requirements for major.
6. All course requirements for minor (if applicable).
7. The college core requirements.
8. An overall grade point average of 2.0 and at least a 2.0 in the major field.
9. The teacher certification requirements (if applicable).
10. A total of 192 quarter hours including all the above.
11. No more than ninety-six (96) quarter hours of non-graded college credit is applicable toward the degree.

A student expecting to receive a degree from Athens State College should apply for graduation not later than the registration period of the term in which he/she expects to graduate. A student must meet satisfactorily all college requirements and obligations before the degree is awarded.

SECOND DEGREE

Students who seek a second degree must meet all admission requirements, complete all catalog requirements for the major in that degree, and must complete a minimum of forty-five (45) quarter hours in residency at Athens State College beyond the conferral date of the first degree.

TRANSFER INFORMATION

Since Athens State College grants the baccalaureate degree only, course credit taken at the graduate level or applied toward a graduate degree will not be accepted at Athens State College or recorded on the Athens State College transcript. However, certain courses may be used as substitutions or waivers for a specific course in the Athens State College degree program but will not affect the total hours residency required for that degree program.

Students who have graduated with the associate degree from an institution accredited by the Commission on Colleges of the Southern Association of Colleges and Schools or another regional accrediting agency should be able to complete degree requirements with ninety-six (96) quarter hours of study provided the student has not changed his/her major.

Students who do not hold the associate degree should anticipate completing additional courses to satisfy general education requirements.

After achieving junior status, or ninety-six (96) quarter hours a student may not transfer credit for courses taken at a junior college except by prior written permission from the Dean of the College.

Any extension or correspondence credit must be from an accredited college or university, not to exceed eighteen (18) quarter hours. The student must petition through their advisor and in turn obtain permission from the Dean of the College.

Transfer students who have completed a major before enrolling at Athens State College may be required to take selected courses for the major at this institution. The student should review the specific major requirements described under the major.

Transfer students from four-year accredited colleges or universities may transfer any number of credits to Athens State College; however, at least forty-five (45) of the final fifty-four (54) quarter hours must be completed at Athens State College for the students to be eligible to receive a degree from this college.

ACADEMIC ADVISING

Upon admission to Athens State College each student is assigned an advisor from the department of his/her major subject by the division chairperson. The advisor assists the student academically as required. A student should confer with his/her advisor at least once each quarter. The advisor will assist the student in planning the program of study of each quarter until the degree is completed. If a student experiences any academic difficulty, the advisor is available during scheduled office hours for assistance. Although faculty advisors assist students in planning their academic programs, each student is responsible for acquainting himself/herself with the requirements for the degree toward which he/she is working. Each student bears final individual responsibility for meeting all degree requirements. All adjustments of curriculum must be approved by the Dean of the College.

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UNCLASSIFIED, NON-DEGREE, and SPECIAL STUDENTS

Unclassified students are those special students who have not met the usual requirements for admission. A special/unclassified student should not circumvent attendance at the junior college. Such a student should report directly to the Admissions, Records and Financial Aid Office for permission to register. Upon meeting college requirements he/she may be admitted to degree-seeking status. Records are kept of the work completed and credits are transferable to a degree program.

CHANGES and ADJUSTMENTS

Drop and Add Policy

For a period specified in the college calendar immediately following registration periods, courses may be dropped and other courses added upon completion of the following procedures:

1. Secure permission from the academic advisor
2. Complete the appropriate forms in the Admissions and Records Office
3. Make payments as required in the Business Office (NOTE: Each change in class schedule requires a \$5.00 drop or add fee).

Those attending the college and receiving veterans benefits or financial aid must must check with the Coordinator for Financial Aid/Veterans Affairs in the Sandridge Center prior to making a change in schedule.

Withdrawal Policy

A student may withdraw from a course with a grade of "W" at any time during the first six weeks of the regular quarter. After this date, a withdrawal with a "W" will be possible only with permission of the faculty member concerned. A student not following these procedures will receive the grade of "F".

Withdrawal from classes is not complete until the student has been cleared through the Admissions and Records Office. Special regulations pertain to those receiving VA benefits or financial aid, and these individuals should confer with the Coordinator for Financial Aid/Veterans Affairs prior to initiating a withdrawal action. Specific dates for withdrawal will be included in the schedule each quarter.

Change of Majors

A student who changes majors must confer with his/her advisor as well as the advisor in the area of change. Often a change of program will necessitate the student's having to complete more than the minimum hours required for the desired degree.

ACADEMIC PROBATION POLICY

The Athens State College policy relating to unsatisfactory academic progress is designed to assist the student in meeting and maintaining a level of achievement that will assure reasonable progress towards graduation. All students should be aware that a cumulative point average of 2.0 on a 4.0 scale is a minimum scale requirement for graduation. Students should consult the section of the catalog relating to the major requirements.

An academic review of each student's record occurs at the completion of each term. Any student whose grade point average at Athens State College falls below 2.0 is immediately placed on academic probation.* A student whose subsequent grades indicate improvement but who fails to raise his/her grade point average to 2.0 will be placed on probation (continued normally not more than three terms) to allow time to repeat courses or otherwise raise the grade point average to the 2.0 minimum. However, any student who fails to attain at least a 1.0 grade point average during any term may be dropped for poor scholastic standing.

Students who are dropped for poor scholastic standing may be re-admitted to the college only upon petition to the Admissions Committee. Such students are not automatically re-admitted.

Upon re-admission after being dropped for academic reasons, the student is placed on restrictive probation. Students on restrictive probation must maintain a minimum of 2.0 grade point average each quarter. Failure to maintain the required 2.0 after being placed on restrictive probation will cause the student to be placed on indefinite suspension and dropped from active student status.

Students placed on indefinite suspension will not be considered for re-admission for at least one full academic year. The student must make a written request to the Re-admission Committee at least one month prior to the registration period of the intended term of re-entry.

Students with probationary status at Athens State College cannot receive permission to take course work from another institution. Credit earned at another institution may not be used to clear probationary status at Athens State College.

*A grade of "I", indicating an incomplete grade, is computed as a "F" and will be computed into the grade point average in determining a student's probationary status.

Class Hour Load

An average course load for a full-time student is fifteen (15) to twenty (20) quarter hours per quarter. A student who wishes to take more than twenty (20) quarter hours must have written permission from the Dean of the College.

CLASS ABSENCES

Every class in the college curriculum is designed to present new material at each class meeting. Therefore, every student should attend all scheduled classes, laboratory sessions, and discussion sessions.

REPEATED COURSES

A student who has made an unsatisfactory grade in a course and who wishes to repeat the course to earn a higher grade must repeat the course at Athens State College. All grades earned with Athens State College will be listed on the official transcript, but only the last course attempted will be used in computing the grade point average and will be applied toward the degree. Application for a change of grade must be completed in the Admissions and Records Office.

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EVALUATION AND CREDIT

Classification with Standing

Juniors - Students who have earned a minimum of ninety-six (96) quarter hours of credit or who have received an associate degree from an accredited two-year college.

Seniors - Students who have completed a minimum of 144 quarter hours of credit.

Special - Students not seeking a degree.

Credit Hours and Grade Points

The Athens State College Calendar consists of quarter-length terms; the unit of credit is the quarter hour. Course descriptions indicate the number of quarter hours which may be earned for a particular course.

For each hour of credit in a subject, the letter grade is equated to grade points as follows:

"A" 4.0 points	"W" 0.0 points
"B" 3.0 points	"I" 0.0 points
"C" 2.0 points	"NG" 0.0 points
"D" 1.0 points	"AU" 0.0 points
"F" 0.0 points	

A student's scholastic average over any period is computed by dividing the total number of grade points accumulated by the total number of hours which the student has attempted. If a student has received an "I" or "F" and the work is repeated, the appropriate grade points for only the last attempt will be used to compute the grade point average. In courses repeated for any reason, the grade point average is computed on the last attempt only.

Grading System

The scholastic record of each student is mailed to him/her at the end of each quarter. Grades are reported as follows:

"A" Excellent	"W" Withdrawn
"B" Above Average	"I" Incomplete
"C" Average	"NG" No Grade
"D" Inferior	"AU" Audit
"F" Failure	

Letter grades of "A", "B", or "C" represent levels of accomplishment sufficient to allow the student to make satisfactory progress toward graduation. "D" level work is considered inferior and the minimum-level accomplishment that will allow the student to continue studies at Athens State College. A grade of "F" is assigned to the student who (1) fails to meet minimum course requirements, (2) voluntarily discontinues class attendance without officially withdrawing, or (3) officially withdraws from a class but is doing failing work at the time of withdrawal.

A grade of "W" will be assigned to a student who officially withdraws during the first six (6) weeks of the regular quarter.

A grade of "I" will be given only under extenuating circumstances and normally will be used to indicate either (1) the student has secured instructor's permission to complete missing or late work, or (2) the student has obtained prior permission from the Dean of the College to take a make-up final examination. Other possible valid reasons for assigning a mark of "I" must be decided by the instructor and the Dean of the College.

A student receiving a grade of "I" in any quarter should be aware that the requirements to remove the "I" must be completed before the end of the next quarter. For the purpose of computation "I" is always evaluated as "F" until missing work has been completed.

Grades of "W", "NG", and "AU" do not affect the quality point average.

Non-Traditional Credit

Evaluation of non-traditional credit is based on the proposition that it is sound educational practice for colleges and universities to grant academic credit for quality educational programs conducted by non-collegiate organizations, provided that the courses are appropriate to an individual's educational objectives.

The standards established by the American Council on Education and other accrediting and leadership agencies are used as guides for evaluating non-traditional learning. Credit may be awarded at either the lower or upper level depending upon the nature and longevity of the learning experience.

The student who wishes to receive non-traditional credit should submit a detailed chronological listing of his/her experiences with proper documentation to the Admissions and Records Office.

Normally non-traditional credit applications are reviewed only once and credit is awarded only if applicable to the student's degree requirements.

A maximum of ninety-six (96) quarter hours earned through non-traditional methods may be applied toward a degree from Athens State College. The types of non-traditional credit, documentation, and procedures to follow are listed below:

1. Military Training - Athens State College may award credit to students who have served in the armed forces and have specialized training provided the following documentation is received:
 - a. copies of DD-214, Form 20, or other official documentation of military educational training.
 - b. copies of certificates, awards, or other documentation related to military courses or training.
 - c. copy of military personnel record obtained from either the army educational center or the organizational personnel office (applicable only to in-service military personnel).
2. Vocational/Technical - Professional Education - Athens State College may award credit for vocational and technical professional education provided the following documentation is received:
 - a. documentation for teaching professional education, e.g., letter from director or president specifying length of tenure as teacher and validating the successful nature of the experience.
 - b. documentation of work experience
 - (1) journeyman status card
 - (2) apprenticeship certificate
 - (3) journeyman examination credentials
 - c. documentation of additional training
 - (1) any certificates, letters, or transcripts of additional technical training
 - (2) official transcripts from all previously attended educational institutions

Work experience credit may be validated by the National Occupational Competency Testing Institute (NOCTI) or another comparable examination of competency approved by the Postsecondary Education Services of the State Department of Education.

Certification Requirements: At least three (3) years compensated work experience in the technical specialty is required for those who have completed a formal post-secondary technical training program; those who have not completed the formal technical training must have completed six (6) years compensated work experience in the technical specialty.

3. **Nursing Training - Athens State College** may award credit to a student who has completed nursing school training and holds the RN license. The following documentation is required:
 - a. official transcripts of nursing school training
 - b. copy of RN license or proof of successful completion of the State Board Examination
 - c. documentation of work experience in the related field -- e.g., letters from employers and/or documentation of teaching in the related field to include dates and positions held.
4. **Business school, proprietary, or other non-accredited institutions - In some instances Athens State College** may award credit from business schools, proprietary schools, or other non-accredited institutions on a conditional basis provided the student successfully completes thirty (30) quarter hours of credit at Athens State College and maintains a 2.3 or better grade point average. The following documentation must be provided:
 - a. official transcripts of all course work or proof of training (transcripts must identify hours of class training or credit hours and proof of satisfactory completion).
 - b. documentation of work experience or teaching experience in related areas which includes dates and positions held.
5. **Work experience - Athens State College** may award credit to students who have a minimum of five (5) years work experience provided the proper documentation is received.*
 - a. complete resume' of work experience and company related training, i.e., seminars, short courses, etc.
 - b. letters of verification from employers or supervisors on company letterhead indicating dates of employment and positions held.

*Competency testing or challenge exams may be required in the absence of proper documentation.

6. **Police Academies - Athens State College** may award credit to students who have completed police academy training and who have work experience with law enforcement agencies. The following documentation is required:
 - a. documentation or proof of police academy training
 - b. letters of documentation from supervisors or employers indicating dates of service and positions held.

7. College-level GED, USAFI, and DANTES - Credit earned under the auspices of college-level GED, USAFI, and DANTES may be granted by Athens State College. At the present time, Athens State College accepts percentile ranks and minimum scores as recommended by the Commission on Education Credit of the American Council on Education. Official transcripts of these scores must be mailed directly to the Office of Admissions and Records.
8. Other means of earning Non-Traditional Credit - Credit may be awarded from other sources, such as Certified Professional Secretary, American Institute of Banking, Federal Aviation Administration and United States Postal Service, provided proper documentation is submitted. Students should contact the Admissions and Records Office for additional information.

Credit for a course taken in a non-collegiate organization will be granted only if the student has not completed a comparable course. Credit is granted only if it is applicable to the student's degree requirements.

College Level Examination Program (CLEP)

Athens State College honors credit earned through College Level Examination Program (CLEP), providing appropriate scores are achieved and there is no duplication of credit. Since CLEP is accepted as non-graded credit, it cannot be used to repeat a course in order to raise the grade point average. Current acceptable scores are listed below and may be adjusted to reflect the fiftieth percentile rank as recommended by the American Council on Education.

GENERAL EXAMINATION	SCORE	CREDIT
English (90 minute test) (meets requirements for English Composition I & II)	600	10 quarter hours
Humanities (90 minute test) (meets requirements for fine arts elective and Literature I)	452	5 quarter hours
Mathematics (90 minute test) (meets requirements for College Math or College Algebra)	*433	5 quarter hours
Natural Sciences (90 minute test) (meets requirements for General Biology I and Physical Science I)	450	5 quarter hours 5 quarter hours
Social Science/History (90 minute test) (meets requirements for social science elective only)	457	10 quarter hours

*Natural Science divisional majors are required to have a score of 500 on the Mathematics general examination for credit.

All General Examination CLEP is accepted as freshman-level credit. All CLEP subject examinations are lower-level credit unless otherwise petitioned.

Although credit may be awarded by the college, applicability toward the degree program is determined by the department or division concerned.

Subject examination scores are acceptable with a minimum score equivalent to a grade of "C" or better. No essay is required.

CLEP examinations are given on the third Wednesday of each month, except December and February. Candidates should check with the Admissions and Records Office one month prior to date of examination.

Advanced Standing With Credit

In some subject areas, challenge examinations may be arranged. Students interested should contact the Office of Admissions and Records initially for information. Such examinations when successfully completed may be used as a basis for credit for the specific course challenge. (See Section on "Special and Incidental Fees" page 6 of this catalog for costs).

Transient Credit

Any student in good standing who desires to take a course at another college and transfer credit to Athens State College must first petition to do so through his/her advisor. A letter of permission must be obtained from the Admissions and Records Office. Once a student has reached junior standing, special permission must be obtained from the Academic Dean to return to a junior college. Students on probation are ineligible to enroll for transient credit at other institutions.

Audited Courses

Upon recommendation of his/her advisor, and with the approval of the Academic Dean, a student may audit a non-laboratory course. Students should attend class under the same obligation as the credit student although they are not required to complete scheduled examinations. Standard registration procedures apply. The cost is one-half the regular tuition cost plus the appropriate fees. No change from audit to credit is allowed.

Continuing Education Units

Athens State College does not accept continuing education units (CEU) for academic credit.

ACADEMIC HONORS

Awards Day

During the commencement period each spring there is a special honors convocation at which students with outstanding academic achievements are recognized. To be eligible for selection for special convocation recognition students must have twenty (20) quarter hours credit in residence on record at Athens State College.

Dean's List

The Dean's List is published each quarter and includes the names of the students who have attained a 3.75 through 4.00 grade point average on at least fifteen (15) quarter hours of course work for a specific term.

Honorable Mention List

The Honorable Mention List is published each quarter and includes the names of the students who have attained a 3.50 through 3.75 grade point average on at least fifteen (15) quarter hours of course work for a specific term.

Degrees With Distinction

The following Degrees With Distinction are based on **all** college work:

SUMMA CUM LAUDE - awarded to the student who has earned a grade point average of 4.0 during his/her college career.

MAGNA CUM LAUDE - awarded to the student who has earned a grade point average of 3.75 during his/her college career.

CUM LAUDE - awarded to the student who has earned a grade point average of 3.5 during his/her college career.

To be eligible for honors, one-half of the total hours applied toward the degree must be regular academic course credit.

ACADEMIC PROGRAMS

SPECIFIC DEGREE REQUIREMENTS

BACHELOR of ARTS

The degree of Bachelor of Arts is awarded to students who satisfactorily complete the following courses and general requirements:

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Mathematics	5 quarter hours
Science	15 quarter hours
Social Science or Behavioral Science Electives	15 quarter hours
Humanities Elective	15 quarter hours

BACHELOR of SCIENCE

The degree of Bachelor of Science is awarded to students who satisfactorily complete the following courses and general requirements:

English Composition	10 quarter hours
Mathematics	5 quarter hours
Science (or Technology, with approval)	15 quarter hours
Humanities Division Electives (excluding English Composition)	20 quarter hours
Social Science or Behavioral Science Electives	20 quarter hours

BACHELOR of SCIENCE in EDUCATION

The general education requirements for the degree of Bachelor of Science in Education, high school and middle school, are as follows:

Language Arts & English		Physical Education (Including K-12)	
English Composition	10	English Composition	10
Literature (Survey)	10	Literature	10
Economics	5	Speech	5
Speech	5	Economics	5
History	5	History	5
Social Science or Behavioral Sc. Electives	10	Social Science or Behavioral Sc. Electives	5
General Psychology	5	General Psychology	5
Math	5	Math	5
Science (must include both Physical & Biological)	15	Physical Science	5
Health Education	1-4	Human Anatomy	5
Physical Education	1-4	Biology	10
Approved courses for major areas	15	Physical Education Activities	5
		Personal & Community Health	5
		Introduction to P.E.	5
		First Aid	5

Math - Biology - Chemistry

English Composition	10
Literature	10
Speech	5
General Psychology	5
Economics	5
History	5
Social Science or Behavioral Science	5
Math	5
Biology	5
Physics	5
Chemistry	5
Health Education	1-4
Physical Education	1-4
Approved courses for major areas	20
Same for General Science major except must include 10 quarter hours of Calculus.	

Trades & Industrial Education

English Composition	10
Literature	10
Speech	5
Economics	5
History	5
Social Science or Behavioral Science	5
General Psychology	5
Math	5
Science (must include both Physical & Biological)	20
Health Education	1-4
Physical Education	1-4
Approved courses for major areas	15

**Social Science or Behavioral Science-
Political Science - History -
Psychology**

English Composition	10	Science (to include both Physical & Biological)	15
Literature	10	Health Education	1-4
Speech	5	Physical Education	1-4
Economics	5	Approved courses for major areas	25
History	5		
General Psychology	5		
Math	5		

**GENERAL STUDIES
BACHELOR of SCIENCE**

English Composition	10 quarter hours
Mathematics	5 quarter hours
Science (or Technology, with approval)	15 quarter hours
Humanities Division Electives (Excluding Composition)	20 quarter hours
Social Sciences or Behavioral Science Division Elective	20 quarter hours

The General Studies program is designed for students who have no specified career goal in mind and who seek personal enrichment or fulfillment through collegiate study. While no specified major courses are required, the student must comply with all degree requirements for the Bachelor of Science degree and all other college regulations.

ACADEMIC DIVISIONS

DIVISION OF BUSINESS ADMINISTRATION

Students electing a major in the Division of Business may earn a Bachelor of Science degree and may major in Accounting, Business Administration, Office Administration, Technical General Business or Technical Management.

The Business Division and the Psychology Department offer an interdisciplinary major in Personnel Psychology leading to either the Bachelor of Arts or Bachelor of Science degree - (See Behavioral Science portion of this catalog for degree requirements.)

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

The objective of the major in Business Administration is to provide the student with a comprehensive business education which will prepare the graduate to enter managerial employment and to assist in the development of individuals who hold those positions. The major encompasses the traditional business curriculum which includes accounting, finance, marketing, management, economics, and the legal environment of business.

REQUIREMENTS FOR THE BUSINESS ADMINISTRATION MAJOR

A major in Business Administration must complete a total of seventy (70) quarter hours in Business Administration at the upper division level. No minor is required. The lower division business courses that should be completed prior to entering Athens State College are ten (10) quarter hours in Principles of Economics and ten (10) quarter hours of Accounting. Five (5) quarter hours of Computer Science must be taken as part of the fifteen (15) quarter hours General Science requirement. The major must include the following courses:

BU 305	Statistical Methods of Business	5 quarter hours
BU 311, 312	Legal Aspects of Business	10 quarter hours
EC 321	Money and Banking	5 quarter hours
EC 415	Managerial Finance	5 quarter hours
MK 331	Marketing Principles	5 quarter hours
MK 433	Marketing Strategies and Policies	5 quarter hours
MG 346	Management and Organization	5 quarter hours
MG 420	Business Policy	5 quarter hours
	Upper division Business electives	25 quarter hours

Please note: It is the student's responsibility to comply with the Business Division's course work requirements. Under no circumstances are alterations or substitutions in required course work permitted without prior consultation and approval of the business faculty member in the subject area concerned, the student's faculty advisor, and the Division Chairperson.

BACHELOR OF SCIENCE - ACCOUNTING

The objective of the major in Accounting is to prepare students for a wide variety of careers in professional accounting, including public accounting, industrial accounting, internal auditing, and government service. The curriculum is designed to permit some flexibility in the student's program of study. A primary objective of the program is to prepare students for sitting for the various professional entry examinations, particularly the CPA examination.

Requirements for the Accounting Major

The degree requirements for the Bachelor of Science degree with a major in accounting includes many of the core courses offered by the Division of Business Administration, a specified core of accounting courses, and a sufficient range of elective accounting courses to allow a student to pursue an area of accounting relevant to occupational goals. At least seventy (70) quarter hours upper division courses are required. Liberal Arts requirements are identical to the standard program of study with the exception of the inclusion of (5) quarter hours in Computer Science as part of the general science requirements.

Lower Division

Principles of Accounting	10 quarter hours
Principles of Economics	10 quarter hours

Upper Division - Business Core

BU 305 Statistical Methods of Business	5 quarter hours
BU 311, 312 Legal Aspects of Business	10 quarter hours
EC 321 Money and Banking	5 quarter hours
EC 415 Managerial Finance	5 quarter hours
MK 331 Marketing Organization	5 quarter hours
MG 346 Management and Principles	5 quarter hours
MG 420 Business Policy	5 quarter hours

Accounting Core

AC 321, 322 Intermediate Accounting	10 quarter hours
AC 431 Advanced Accounting I	5 quarter hours
AC 441 Auditing	5 quarter hours
AC 442 Federal Tax Accounting I	5 quarter hours
AC 451 Cost Accounting I	5 quarter hours

Accounting Electives

Ten (10) quarter hours electives must be chosen from the following courses:

AC 432 Advanced Accounting II	5 quarter hours
AC 443 Federal Tax Accounting II	5 quarter hours
AC 450 Governmental Accounting	5 quarter hours
AC 452 Cost Accounting II	5 quarter hours

BUSINESS COURSES

Accounting (AC)

AC 321 Intermediate Accounting I. A survey of the financial reporting process and analysis of the accounting theory relevant to the major asset categories. Prerequisite: Accounting Principles I and II or equivalent. 5 quarter hours

AC 322 Intermediate Accounting II. A continuation of balance sheet analysis, culminating with a review of special purpose statements, flow of funds, price-level adjusted statements, and earnings per share. Prerequisite: AC 321 5 quarter hours

AC 431 Advanced Accounting I. A study of the application of accounting theory to the complexities of the partnership and corporate forms of business organization, emphasizing the problems associated with organizational change. Prerequisite: AC 322 5 quarter hours

AC 432 Advanced Accounting II. A capstone course in accounting theory, including student reports on topics relevant to the modern-day professional accountant. Prerequisite: AC 431 5 quarter hours

AC 441 Auditing. Auditing theory and practice, with emphasis given to the function of the audit in the certification of financial statements by an independent auditors. Prerequisite: AC 322. 5 quarter hours

AC 442 Federal Tax Accounting I. An analysis of the federal income tax law as it applies to individuals, emphasizing the provisions applicable to the sole proprietor. Prerequisite: Accounting Principles I and II. 5 quarter hours

AC 443 Federal Tax Accounting II. The application of the federal income tax law as it applies to partnerships and corporations, with emphasis on the differences which exist between financial and tax accounting. Prerequisites: AC 321 and AC 442. 5 quarter hours

AC 450 Governmental Accounting. A study of accounting and budgetary procedures for units and agencies of federal, state and municipal government. Prerequisite: AC 322. 5 quarter hours

AC 451 Cost Accounting I. An introduction to the preparation and interpretation of cost accounting data to be used by management in the twin entrepreneurial functions of planning and control. Job order, process, and standard cost systems will be studied in depth. Prerequisite: AC 321 5 quarter hours

AC 452 Cost Accounting for Decision Making and Internal Auditing. A two-part course designed to acquaint the senior accounting student with the specialized cost accounting topics utilized in present-day decision-making and the role of the internal auditor in large-scale business enterprise. Prerequisite: 15 hours of accounting. 5 quarter hours

General Business (BU)

BU/CS 301 Basic Programming. Introduction to computing for both scientific, and Business students who have limited or no previous knowledge of computer programming concepts. Includes basic programming. 5 quarter hours

BU 305 Statistical Methods of Business. Introduction to the descriptive inductive uses of organized data. Coverage will include sampling theory, tests of hypotheses, probability theory, and time series analysis. Prerequisite: College Algebra or General Mathematics. 5 quarter hours

BU 311 Legal Aspects of Business I. An in-depth case study of the legal environment of business with emphasis on the law of contracts. 5 quarter hours

BU 312 Legal Aspects of Business II. Continuation of BU 311 with case study emphasis on property, sales, bailments, and an in-depth study of negotiable instruments under the Uniform Commercial Code. 5 quarter hours

BU 355 General Insurance. A study of fundamental principles and uses of various types of insurance: life, fire, automobile, homeowners, and other casualty coverages. 5 quarter hours

BU 356 Real Estate. A course designed to give students a broad understanding of the principles of real estate. Instruction includes historical background, freehold estates, leasehold estates, deeds, transferring of interest financing, appraising, and the Alabama Real Estate License Law. Approved by the Alabama Real Estate Commission as a pre-license course. 5 quarter hours

BU/PO 358 Public Administration. See PO 358 for course description. 5 quarter hours

BU/PS 368 Industrial and Personnel Psychology. See PS 368 for course description. 5 quarter hours

BU 426 Government and Business. A study of the effect of governmental regulations on the free enterprise system and how public policy relates to monopolies, pricing, and competition. Prerequisite: Legal Aspects of Business. 5 quarter hours

BU 435 Personal Finance and Investments. A review of consumer money management problems, choices and decision-making. Topics such as: consumer credit, budgeting, home ownership vs. renting, retirement planning, insurance and suitable investment programs will be covered in the course. 5 quarter hours

BU 460 Business Research. A course designed to allow students an opportunity to perform research or directed studies. This course is offered at the discretion of the professor with approval by the division chairperson. 5 quarter hours

Economics (EC)

EC 310 Basic Economics. A one quarter course that is a survey of Economic Principles. The Macro-Economic topics reviewed will be: National Income Analysis and Theories of Production, Employment and Price Levels. The Micro-Economic Principles reviewed will include: The Market System, Monopolies and Competition. Income Distribution and International Trade. 5 quarter hours

EC/GO 311 Economic Geography. See GO 311 for course description. 5 quarter hours

EC/PO 319 Introduction to International Commerce. See PO 319 for course description. 5 quarter hours

EC 321 Money and Banking. A study of how money, credit and interest rates affect the level of employment, production, and prices in the economy. Topics of study will include the Federal Reserve System, the operations of commercial banks, credit controls, the theory of income determination, as well as recent trends in banking. Prerequisite: Principles of Economics.

5 quarter hours

EC 322 Intermediate Macro-Economic Theory. A study of the theoretical framework underlying aggregate income, employment, price and growth analysis. Suggested for those who plan to enter graduate work in business or economics. Prerequisite: Principles of Economics.

5 quarter hours

EC 323 Intermediate Micro-Economic Theory. The economic theory of the firm with emphasis on demand analysis, production and cost functions, profit analysis, as well as pricing policy in an imperfectly competitive market economy. Suggested for those who plan to enter graduate work in business or economics. Prerequisite: Principles of Economics.

5 quarter hours

EC 415 Managerial Finance. A study of the art of money capital management on the level of the firm in an enterprise economy. Topics covered include analysis of financial statements, investment decision making, calculation of the firm's cost of capital, and other related topics such as mergers and dividend policies. Prerequisite: Principles of Accounting and Principles of Economics.

5 quarter hours

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Management (MG)

MG 346 Management and Organization. The elements and theories underlying management practice in the organization.

5 quarter hours

MG 348 Manpower and Labor Economics in the U.S. An introduction to labor in our economy and the relationships that exist between workers, management, labor organizations, and public policy. Specific subjects include: the history of the labor movement in the United States, the development of collective bargaining law, collective bargaining, wage analysis, and federal manpower programs. Major emphasis is on current labor issues.

5 quarter hours

MG 349 Personnel Management. Principles and practices of personnel administration. Special attention is given to employment practices, wages, hours, union and labor legislation.

5 quarter hours

MG 410 Labor Law and Legislation. A study of contemporary law affecting employees, employers, and labor organizations. Major emphasis is on equal employment opportunity laws and recent interpretations by administrative tribunals and courts.

5 quarter hours

MG 416 New Enterprises and Small Businesses. An analysis of procedures required to initiate enterprises or establish small businesses. Prerequisite: Management and Organization.

5 quarter hours.

MG 420 Business Policy. Interrelationships of various business functions from viewpoint of middle management's decision process. Reading, case analysis. Students should schedule this course in one of the last two quarters of their degree program. Prerequisite: 15 hours of business core courses completed including MG 346 Management and organization.

5 quarter hours

Marketing (MK)

MK 331 Marketing Principles. A study of the forces operating, institutions employed and methods followed in the flow of goods and services from production to consumption.

5 quarter hours

MK 333 Advertising and Promotional Strategies. A study of the principles of advertising, types of advertising media, and analyzing problems of advertising encountered in business. Particular attention is given to the small advertiser.

5 quarter hours

MK 334 Salesmanship. The development of selling methods; buyer-seller relationships, qualities of the effective salesman; the salesman and his goods, his customer, and his firm.

5 quarter hours

MK 432 Retailing. Principles and methods of store location and layout promotion buying, pricing, personnel management, credit, and stock control.

5 quarter hours

MK 433 Marketing Strategies & Policies. Various policies and problems requiring decisions by marketing management in areas of product policy, distribution policy, promotion policy, and price policy. Prerequisite: Marketing Principles.

5 quarter hours

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BACHELOR of SCIENCE

Office Administration

A major in Office Administration prepares the student for roles such as office manager, executive secretary, or supervisor in business or industry.

A student should complete the following lower division courses in the college transfer program: Typewriting (10 quarter hours), Shorthand (10 quarter hours), Accounting (10 quarter hours), Secretarial Office Practice (5 quarter hours), Principles of Economics (Macro) or Introduction to Business (5 quarter hours), and Principles of Management (5 quarter hours).

At the upper division level the following courses are required: OA 303 Advanced Typewriting or OA 304 Production Typewriting, OA 312 Speed Dictation and Transcription or OA 313 Office Dictation and Transcription, OA 321 Office Machines and Equipment, OA 410 Business Communication, OA 415-416 Office Administration I and II, OA 417-418 Secretarial Administration and Supervision I and II, BU 311 Legal Aspects of Business I, MG 349 Personnel Management or BU 368 Industrial and Personnel Psychology, plus division electives to complete 85 quarter hours in the Division of Business.

Office Administration (OA)

OA 300 Personal Typewriting. Fundamentals of typewriting with emphasis on mastery of the keyboard, correct technique, skill building, preparation of simple business letters, notes, memoranda, tabulations, rough drafts, manuscripts, and postal cards.

5 quarter hours

- OA 303 Advanced Typewriting.** Continuation of skill building, development of speed and accuracy, and the arrangement of material. Instruction is given in business forms, manuscripts, tabulated material, professional and executive typing. Prerequisite: Personal Typewriting or equivalent. 5 quarter hours
- OA 304 Production Typewriting.** Handling of office typewriting problems and development of competency in the use of the electric typewriter, production rates and standards, and accuracy. Prerequisite: Advanced Typewriting or equivalent. 5 quarter hours
- OA 312 Speed Dictation and Translation.** Emphasis on speed building in shorthand dictation and transcription, production of mailable copy, office-style dictation, and vocabulary building in specialized areas. Prerequisite: Proficiency in shorthand. 5 quarter hours
- OA 313 Office Dictation and Transcription.** Rapid shorthand dictation and transcription, sustained dictation, production of mailable copy, office-style dictation, intense vocabulary building and practice in the use of dictating and transcribing machines. Prerequisite: Speed Dictation and Transcription or equivalent. 5 quarter hours
- OA 321 Office Machines and Equipment.** Operation of electronic display and printing calculators, ten-key adding listing machine, duplication, dictating and transcribing machines. An introduction to the nature and purpose of electronic data processing and word processing machines and systems. Prerequisite: Skill in basic typewriting. 5 quarter hours
- OA 410 Business Communication.** A study of the principles and types of business communication. Instruction is given in the style, structure, and aims of written business letters and reports. Other communication needs are considered, such as interviews, demonstrations and instructions, meetings, and dictating efficiency. 5 quarter hours
- OA 415 Office Administration I.** A study of duties and responsibilities of the office manager. Managerial and coordinating functions are stressed in the areas of organizing and planning office services, office automation, information and records management. 5 quarter hours
- OA 416 Office Administration II.** Continuation of OA 415 with emphasis on managerial and coordinating functions in the areas of controlling office operations, human relations and office personnel practices. 5 quarter hours
- OA 417/418 Secretarial Administration and Supervision.** Study of specialized secretarial duties, word processing equipment and systems, business communications and office administration problems. Simulated office projects and in-service development. Prerequisite: Secretarial Office Practice. 5 quarter hours

BACHELOR of SCIENCE

Technical-General Business

Athens State College offers to technical personnel including the graduates of technical schools or colleges the opportunity to complete a baccalaureate degree in General Business. The person who seeks the Bachelor of Science in Business is to complete the requirements described below in addition to regular academic admission requirements.

General Business**I. Prerequisite****Technical Training**

1. Technical Training: Six or more quarters of instruction in a technical school or college

or

Six years documented, successful work experience in a trade documented by successful completion of the NOCTI

or

A two year professional program in health sciences as validated by a state or national licensure

or

A two year professional program in fine arts

2. Prerequisite*

Freshman English	10 quarter hours
Mathematics	5 quarter hours
Principles of Accounting	10 quarter hours
Principles of Economics	10 quarter hours

*The student is advised to complete prerequisite lower division courses at a junior college prior to entering Athens State College. A student who has completed a six quarter program of technical training may be admitted to the College as a special student and by special transient study arrangement attend a junior college to complete these courses.

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II. Upper Division

General college requirements to include:

Humanities	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Social Sciences or Behavioral Science	10 quarter hours
Science	10 quarter hours
Contemporary Psychology	5 quarter hours
Speech	5 quarter hours
Moral Values in Today's Society	5 quarter hours

Business courses to include:

Legal Aspects of Business	5 quarter hours
Money and Banking	5 quarter hours
Marketing Principles	5 quarter hours
Management and Organization	5 quarter hours
Upper Division Business Electives	25 quarter hours

BACHELOR OF SCIENCE
Technical Management

Athens State College offers to interested students a Bachelor of Science degree with a major in Technical Management. The degree consists of a minimal major in Biology, Chemistry, Mathematics, Physics, or a Scientific Technology and a core curriculum in Business Administration.

All programs have the following course requirements:

- 1. Specific general education requirements for the Bachelor of Science degree.
- 2. Principles of Economics 10 quarter hours
Principles of Accounting 10 quarter hours
Management and Organization 5 quarter hours
Statistics in Business 5 quarter hours
Legal Aspects of Business 5 quarter hours
Managerial Finance 5 quarter hours
Marketing Principles 5 quarter hours
- 3. Mathematics and Science Courses:
Calculus and Analytic Geometry 10 quarter hours
*General Chemistry 15 quarter hours
*Physics 15 quarter hours
Basic or FORTRAN Programming 5 quarter hours

A student must complete one of the following concentrations:

Biology

General Biology	15 quarter hours
Cell Biology	5 quarter hours
General Ecology	5 quarter hours
Genetics	5 quarter hours
Biology Electives	10 quarter hours

Chemistry

Organic Chemistry	15 quarter hours
Analytical Chemistry	5 quarter hours
Physical Chemistry	5 quarter hours
Chemistry Electives	10 quarter hours

Mathematics

Intermediate Calculus	10 quarter hours
Mathematics Electives	20 quarter hours

Physics

Intermediate Calculus	10 quarter hours
Physics Electives	30 quarter hours

Scientific Technologies*

(A choice of the following concentrations)

INSTRUMENTATION	
Eight 5 hour courses	40 quarter hours
NONDESTRUCTIVE TESTING	
Eight 5 hour courses	40 quarter hours

COMPUTER SCIENCE

COBOL Programming I and II	10 quarter hours
FORTTRAN Programming	5 quarter hours
Assembly Language Programming	5 quarter hours
Program Applications in RPG	5 quarter hours
Advanced Business Applications	5 quarter hours
Two approved Computer Science Courses	10 quarter hours

*For the SCIENTIFIC TECHNOLOGIES OPTION, either General Chemistry or General Physics is required.

BACHELOR of ARTS
or
BACHELOR of SCIENCE

Personnel Psychology

The Psychology Department and the Business Division offer an interdisciplinary major program in Personnel Psychology leading to either the Bachelor of Arts or Bachelor of Science degree. Each of the participating academic divisions contributes faculty resources. The objective of this program is to provide broad professional competence for positions in business, industry, government and human resource fields as well as preparation for graduate study in psychology, business and related areas. A student planning to pursue graduate study is advised to supplement the interdisciplinary major with elective courses in the anticipated area of graduate study.

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Program components include:

1. General academic requirements
2. Interdisciplinary major composed of psychology and business courses
3. Practicum option

Requirements for a major: thirty (30) quarter hours of psychology and thirty (30) quarter hours in either Behavioral Science or Business Statistics

Psychology

General Psychology or PS 300 Contemporary Psychology
 PS 331 Social Psychology
 PS 335 Adult Psychology
 PS 352 Abnormal Psychology
 PS 368 Industrial and Personnel Psychology
 PS 461 Tests and Measurements

Business

BU 305 Statistical Methods of Business or PS 341 Statistics in Behavioral Science
 BU 311 Legal Aspects of Business I
 EC 310 Basic Economics
 MG 346 Management and Organization
 MG 349 Personnel Management
 MG 410 Labor Law
 MG 420 Business Policy

Practicum Option

With approval of the advisor, a student may elect to take PS 470/471 Practicum in Psychology for 5-10 hours of credit.

DIVISION of EDUCATION

The Division of Education offers courses which meet the requirements of the State Department of Education for Class B Teacher Certification for the professional programs in Early Childhood Education (N-3), Elementary Education (1-6), Middle School Education (4-8), High School Education (7-12), Special Education, Trade and Industrial Education, and Vocational Education. These programs are approved by the Alabama State Board of Education and the Southern Association of Colleges and Schools. Because of the nature of the Teacher Education Program and because of state certification changes that may occur, the Division of Education reserves the right to change the requirements in the Teacher Education Program at any time.

Approved Majors:

Biology
Chemistry
Early Childhood Education
Elementary Education
English
General Science
History
Language Arts
Mathematics
Physical Education
Political Science
Psychology
Social Science
Special Education (Learning Disabilities) N-12
Trade and Industrial Education - Teacher
Trade and Industrial Education - Coordinator
Vocational Education - Post Secondary

TEACHER EDUCATION PROGRAM

Admission

Prior to enrolling in certain professional education courses other than Education 300 and Special Education 301, a student must be admitted to the Teacher Education Program. A student wishing to enter the Teacher Education Program must meet the following requirements:

1. Present evidence of an American College Test (ACT) score of at least 16 if collegiate study began after June 1, 1977. (In the event an applicant did not take the ACT prior to entering college or the score was unacceptable, arrangements must be made with a high school to fulfill this requirement. This is the responsibility of the applicant. (A score is valid and acceptable for five (5) years following the date of testing.)

2. Complete the written application for admission to the Teacher Education Program and submit that application to the Education Division. This application is to be made upon completion of 15 quarter hours of study at Athens State College. (The application forms are available in the office of the Education Division.)
3. Complete Education 300, Foundations of Education, or the equivalent with a grade of at least "C".
4. Demonstrate proficiency on a state-approved English Competency examination.
5. Receive recommendation from the interview screening committee which reviews the applicant's personal traits, experiences, interests, and aptitudes as these relate to the requirements for successful teaching.
6. Present documentation of a minimum grade point average of at least 2.2 on a 4.0 scale on all college work attempted.
7. Submit documentation of a current, negative chest x-ray or tuberculosis skin test.

Retention

1. A student may be dropped from the Teacher Education Program for failure to maintain the standards of performance required for admission to the program. Such student may be placed on probation. While on probation the student will be under continuous supervision and evaluation in an effort to eliminate his/her deficiencies.
2. A student must maintain a current validation of a negative chest x-ray or tuberculosis skin test throughout the teacher education program.

Completion

In addition to the specified courses in each approved program, the student must complete the following requirements:

1. Maintain an over-all grade point average of 2.2 on a 4.0 scale on all course work attempted.
2. Maintain a minimum grade of "C" in each professional course.
3. Satisfactorily complete the required examinations stipulated by the State Board of Education.
4. Complete the Teacher Education program within four years from the date of admission. (A student may apply to the Education Division for consideration for reinstatement to the program.)

Internship

1. Students **must** apply to the Director of Internship one quarter **prior** to the quarter of registration for internship. (The application forms are available in the office of the Education Division.) The internship programs are open to seniors who have completed the professional education courses in their special fields.
2. During the quarter of internship, no other courses should be taken. It is therefore recommended, in planning hours toward graduation, that the individual expect to take only 15 quarter hours of internship in that quarter.

Certification

Issuance of Alabama teaching certificates is the legal responsibility of the Alabama State Department of Education. Universities and Colleges cannot issue a professional certificate. However, in order to be certified at the professional "B" level, a student must complete an appropriate course of study at a college or university which has been approved by the State Board of Education. When a student completes the course of study, the institution recommends to the State Department of Education that the appropriate certificate be awarded. It is the responsibility of the student to complete the steps for certification recommendation from Athens State College which are as follows:

1. Satisfy the requirements of the Teacher Education Program.
2. Obtain application for certification from the Certification Officer.
3. Provide a \$10.00* money order for every major area of certification (*amount subject to state modification; make money order payable to the State Department of Education in Montgomery).
4. Provide the Certification Officer with one copy of an **official** transcript from **each** college attended.

Post Graduate Teacher Education Program Planning

A student who holds a baccalaureate degree may complete certification requirements at Athens State College. In general, this student must meet the same requirements for admission to and exit from the program as a regular undergraduate student. There are several classifications which may be appropriate for this student; consequently, the student must consult the Chairman of the Education Division to have a program plan approved before enrolling for a course.

A student who holds an Alabama teacher's certificate may seek to change the area of endorsement. The Chairman of the Education Division will assist the student in program planning to meet the State Department of Education requirements.

Job Placement

It is recommended that each student place a resume' on file with the Athens State College Placement Office prior to graduation.

EARLY CHILDHOOD EDUCATION**General Studies**

English Composition n	10
Literature	10
Speech	5
General Psychology	5
Math	5
Science	20
(To include both Bio- logical & Physical)	
Economics	5
American History	5
Government	5
Social Science or Behavioral Science Electives	15
Health Education	1-4
Physical Education	1-4

Professional Education

SE 301	Introduction to the Exceptional Child	5
ED 300	Foundations of Education	5
PS 332	Child Psychology	5
ED 312	The Child and Society	5
ED 305	Media For Teachers	5
ED 310	Principles of Early Childhood Education	5
ED 302	Language Development	5
ED 320	Children's Literature	5
ED 321	Materials and Methods of Teaching Language Arts	5
ED 324	Teaching Math to the Young Child	5
ED 416	Curriculum Construction in Early Childhood Education	5
ED 420	Materials and Methods of Teaching Science	5
ED 423	Materials and Methods of Teaching Social Studies	5
ED 324F, ED 413F, ED 416F, ED 420F, ED 423F	(Field Experiences)	5
AR 309	Materials and Methods of Teaching Art	5
MU 451	Materials and Methods of Teaching Music	5
PE 431	Motor Development and Physical Education Activities for the Young Child	5
PS 461	Tests and Measurements	5
ED 323	Principles and Practices of Teaching Reading	5
ED 413	Teaching Reading to the Young Child	5
ED 480	Internship	15

Students desiring to major both in Early Childhood Education and Elementary Education must meet the course requirements in both programs with an additional five hours of internship.

ELEMENTARY EDUCATION**General Studies**

English Composition	10
Literature	10
Speech	5
General Psychology	5
Math	5
Science	20
(To include both Biological & Physical Science)	
Economics	5
American History	5
Government	5
Social Science or Behavioral Science Electives	15
(Excluding Psychology)	
Health Education	1-4
Physical Education	1-4

Professional Education

ED 300	Foundations of Education	5
SE 301	Introduction to the Exceptional Child	5
ED 305	Media For Teachers	5
ED 312	The Child and Society	5
PS 332	Child Psychology	5
PS 461	Test and Measurements	5
ED 320	Children's Literature	5
ED 321	Materials and Methods of Teaching	5
	Language Arts	
ED 323	Principles and Practices of Teaching Reading	5
ED 324	Teaching Mathematics to the Young Child	5
ED 333	Teaching Reading in the Content Area	5
ED 413	Teaching Reading to the Young Child	5
ED 420	Materials and Methods of Teaching Science	5
ED 423	Materials and Methods of Teaching	5
	Social Studies (N-6)	
ED 224	Materials and Methods of Teaching Mathematics	5
	in the Intermediate Grades	
ED 324F, ED 413F, ED 420F, ED 423F, ED 424F,		5
	(Field Experiences)	
AR 309	Materials and Methods of Teaching Art	5
MU 451	Materials and Methods of Teaching Music	5
PE 430	Materials and Methods of Teaching	5
	Physical Education in the Elementary Schools	
ED 82	Internship in Elementary Education	15

HIGH SCHOOL - MIDDLE SCHOOL EDUCATION

The student who wishes to be certified to teach in the Middle School and/or the High School must successfully complete an approved composite major or 2 majors. The requirements for the composite major or majors are listed in their respective divisions. In addition the student must successfully complete all requirements for admission to teacher education and the professional education courses listed below.

Middle School Education

ED 300	Foundations of Education	5
PS 334	Adolescent Psychology	5
PS 332	Child Psychology	5
SE 301	Introduction To The Exceptional Child	5
ED 323	Principles & Practices of Teaching Reading	5
ED 333	Teaching Reading in the Content Area	5
ED 305	Media For Teachers	5
PS 461	Tests And Measurements	5
ED 431	Materials And Methods	5
ED 435	Teaching In Middle School	5
ED 484	Internship	15

High School Education

ED 300	Foundations of Education	5
PS 334	Adolescent Psychology	5
PS 330	Educational Psychology	5
	or	
PS 332	Child Psychology	5
SE 301	Introduction To The Exceptional Child	5
ED 305	Media For Teachers	5
ED 333	Teaching Reading in the Content Area	5
PS 461	Tests And Measurements	5
ED 431	Materials And Methods	5
ED 486	Internship	15

Middle school majors desiring high school certification must complete the following additional requirements:

ED 487	Internship (High School)	5
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High school majors desiring middle school certification must complete the following additional requirements:

ED 323	Principles & Practices of Teaching Reading	5
PS 332	Child Psychology	5
ED 435	Teaching In Middle School	5
ED 485	Internship (Middle School)	5

SPECIAL EDUCATION LEARNING DISABILITIES N-12

General Studies

English Composition	5
Literature	10
Speech	5
Economics	5
History	10
Sociology	5
Social Science or Behavioral Science Elective	10
General Psychology	5
Math	5
Biology	10
Physical Science	5
Health Education	1-4
Physical Education	1-4
Art for Elementary	5
Music for Elementary	5
Elective for Major	5

Professional Education

ED 300	Foundations of Education	5
SE 301	Introduction to the Exceptional Child	5
PS 332	Child Psychology	5
PS 334	Adolescent Psychology	5
ED 305	Media for Teachers	5
ED 324	Teaching Math to the Young Child	5
ED 424	Materials & Methods of Teaching Math (4-6)	5
ED 324F, ED 424F	(Field Experience)	2
ED 333	Teaching Reading in the Content Area	5
PS 461	Test and Measurement	5
ED 488	Internship N-12	15

Learning Disabilities

ED 323	Principles & Practices of Teaching Reading	5
ED 332	Learning Theories	5
ED 302	Language Development	5
SE 320	Learning Disabilities	5
SE 310	Educational Assessment Procedures	5
SE 410	Classroom Management & Discipline	5
SE 411	Planning Individual Educational Programs	5
SE 413	Parent & Professional Conferencing Techniques	5
SE 420	Curriculum Construction & Goals for the Learning Disabled	5
SE 421	Meeting the Needs of the Learning Disabled Adolescent	5
SE 422	Alternative Instructional Strategies	5
SE 423	Advanced Diagnostic & Implementation Strategies	5

GENERAL PROFESSIONAL EDUCATION (ED) COURSES

- ED 300 Foundations of Education.** A survey course designed for the student who expects to prepare for the teaching profession. Includes principles, history, philosophy, and trends in education. Includes field experience. Required for all teacher-education majors. 5 quarter hours
- ED 305 Media.** A course presenting the rudiments of instructional planning including selection and writing of instructional objectives, planning, preparation and presentation of instructional resources such as audiovisuals, teacher-made materials and commercially prepared materials classroom management strategies are also developed during this process. Required for all teacher-education majors. 5 quarter hours
- SE 301 Introduction to the Exceptional Child.** A general survey course which addresses etiology, identification, incidence, curriculum modification, parent interaction and mainstreaming exceptional children. Required for all teacher-education majors. 5 quarter hours

EARLY CHILDHOOD EDUCATION

- ED 302 Language Development.** An analysis of the language including phonology, syntax, and semantics with emphasis on school applications in reading, grammar, spelling, and composition. Prerequisites: ED 300 and Admission to the Teacher Education Program. 5 quarter hours
- ED 310 Principles of Early Childhood Education.** A course concerned with the historical, theoretical, and practical issues of Early Childhood Education. Laboratory experiences are required. (This course is a prerequisite to all courses in Early Childhood Education.) 5 quarter hours
- ED 312 The Child and Society (N-6).** A course designed to assist prospective teachers to develop understanding and appreciations of various social and ethnic groups and their cultures including the impact of these cultural phenomena on the educative process. 5 quarter hours
- ED 320 Children's Literature.** A survey of current and traditional prose and poetry thought to be particularly applicable to the lives of children. It includes preparation of visuals and classroom presentation strategies. 5 quarter hours
- ED 321 Materials and Methods of Teaching Language Arts in the Primary and Intermediate Grades (N-6).** A comprehensive overview in all areas of the language arts. Emphasis is placed on writing performance objectives and lesson plans for instruction in these areas (includes field experience). Prerequisite: Admission to the Teacher Education Program. 5 quarter hours
- ED 323 Principles and Practices of Teaching Reading.** A comprehensive study of the major approaches utilized in teaching developmental reading. Prerequisites: ED 300, ED 321, and Admission to the Teacher Education Program. 5 quarter hours
- ED 324 Teaching Mathematics to the Young Child (N-6).** A course designed to assist prospective teachers of young children in presenting early mathematical ideas. It includes the application of psychological principles to the teaching and learning of mathematics. Prerequisites: ED 300, ED 321, and Admission to the Teacher Education Program. 5 quarter hours

ED 413 Teaching Reading to the Young Child (N-3). An indepth study of reading readiness skills, phonics, language experience and the basic reader approaches to teaching reading to the young child. Prerequisites: Ed 300, ED 321 & 323 and Admission to the Teacher Education Program.

5 quarter hours

ED 416 Curriculum in Early Childhood Education. A course emphasizing methods, materials and special techniques appropriate for children ages four through eight; involvement of basic principles underlying the development and planning of curriculum throughout the course.

Prerequisites: ED 300, ED 310 and Admission to Teacher Education Program

5 quarter hours

ED 420 Materials and Methods of Teaching Science (N-6). A course designed to provide a study of the science concepts for early childhood education and elementary education. Emphasis is placed on materials and methods, processes of discovery, and the role of children as investigators. Prerequisites: ED 300, ED 321 and Admission to the Teacher Education Program.

5 quarter hours

ED 423 Materials and Methods of Teaching Social Studies (N-6). A presentation of instructional materials, resources and strategies to be used for teaching social science concepts from the disciplines of economics, geography, history, political science, psychology, and sociology to children in the elementary school. Prerequisites: ED 300, ED 321, and Admission to the Teacher Education Program.

5 quarter hours

ED 324F, ED 413F, ED 416F, ED 420F, ED 423F, (Field Experience). Classroom observation and participation in elementary schools to be taken concurrently with corresponding education courses.

1 hour each

ED 480 Internship in Early Childhood Education. After a period of orientation, the student gains practical experience in teaching classes in the public schools under continual guidance of competent critic teachers in cooperation with the college faculty member. Materials and methods are utilized in lesson plan and teaching, and participation in all activities is required of the student teacher. Includes seminar.

15 quarter hours

ED 481 Internship in Early Childhood Education. A course required for elementary majors seeking additional certification in early childhood education. Fall, winter, and spring only.

5 quarter hours

ELEMENTARY EDUCATION (ED) COURSES

ED 312 The Child and Society (N-6). A course designed to assist prospective teachers to develop understanding and appreciations of various social and ethnic groups and their cultures including the impact of these cultural phenomena on the educative process.

5 quarter hours

ED 320 Children's Literature. A survey of current and traditional prose and poetry thought to be particularly applicable to the lives of children. It includes preparation of visuals and classroom presentation strategies.

5 quarter hours

- ED 321 Materials and Methods of Teaching Language Arts (N-6).** A comprehensive overview in all areas of the language arts. Emphasis is placed on writing performance objectives and lesson plans for instruction in these areas (including field experience). Prerequisite: Admission to the Teacher Education Program. 5 quarter hours
- ED 323 Principles and Practices of Teaching Reading.** A comprehensive study of the major approaches utilized in teaching developmental reading. Prerequisite: ED 300 and ED 321, Admission to the Teacher Education Program. 5 quarter hours
- ED 324 Teaching Mathematics to the Young Child (N-3).** A course designed to assist prospective teachers of young children in presenting early mathematical ideas. It includes the application of psychological principles to the teaching and learning of mathematics. Prerequisites: ED 300, ED 321 and Admission to the Teacher Education Program. 5 quarter hours
- ED 333 Teaching Reading in the Content Area.** A course presenting fundamentals of vocabulary development and directed reading instruction in the social sciences, natural and physical sciences, mathematics, arts and music for students in grades 4-12. Prerequisites: ED 300 and Admission to the Teacher Education Program. 5 quarter hours
- ED 413 Teaching Reading to the Young Child (N-3).** An indepth study of reading readiness skills, phonics, language experience and the basic reader approaches to teaching reading to the young child. Prerequisite: ED 300, ED 321, ED 323 and admission to the Teacher Education 5 quarter hours
- ED 420 Materials and Methods of Teaching Science (N-6).** A course designed to provide a study of the science concepts for early childhood education and elementary education. Emphasis is placed on materials and methods, processes of discovery, and the role of children as investigators. Prerequisites: ED 300, ED 321, and Admission to the Teacher Education Program. 5 quarter hours
- ED 423 Materials and Methods of Teaching Social Studies (N-6).** A presentation of instructional materials ,resources and strategies to be used for teaching social science concepts from the disciplines of economics, geography, history, political science, psychology, and sociology to children in the elementary school. Prerequisites: ED 30, ED 321, and admission to the Teacher Education Program. 5 quarter hours
- ED 424 Materials and Methods of Teaching Mathematics in the Intermediate Grades (4-6).** A course designed to provide a study of the mathematics skills and concepts in grades 4-6 with an emphasis on materials and methods for instruction. Prerequisites: ED 300, ED 321, ED 324, and admission to the Teacher Education Program. 5 quarter hours
- ED 324F, 413F, 420F, 423F, 424F - Field Experience.** Classroom observation and participation in elementary schools. To be taken concurrently with corresponding education courses. 5 quarter hours
- ED 482 Internship in Elementary Education.** After a period of orientation and observation, the student gains practical experience in teaching classes in the public schools under the continual guidance of a competent teacher in cooperation with the college faculty member. Materials and methods are

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utilized in lesson planning and teaching. Participation in all school activities is required of the student teacher. Includes seminar. Prerequisites: Senior standing, and the completion of all professional education requirements. Fall, winter and spring only. 15 quarter hours

ED 483 Internship in Elementary Education. A course required for early childhood education majors seeking additional certification in elementary education. (Only for students seeking dual certification.) 5 quarter hours

MIDDLE SCHOOL EDUCATION (ED) COURSES

ED 323 Principles and Practices of Teaching Reading. A comprehensive study of the major approaches utilized in teaching developmental reading. Prerequisites: ED 300, ED 321, and Admission to the Teacher Education Program. 5 quarter hours

ED 333 Teaching Reading in the Content Area. The fundamentals of vocabulary development and directed reading instruction in the social sciences, natural and physical sciences, mathematics, arts and music for students in grades 4-12. Prerequisites: ED 300 and Admission to the Teacher Education Program. 5 quarter hours

ED 431 Materials and Methods of Teaching in the Middle School/High School. The fundamental principles and techniques in planning, implementing, and evaluating learning activities and in selecting and using appropriate materials and equipment. The second phase is individualized according to the student's major areas (includes field experience). 5 quarter hours

ED 435 Teaching in the Middle School. A course designed to acquaint the student with the history and development of the Jr. High/Middle School. It also focuses on the unique characteristics of this age group and methods and techniques used to assist their growth. (includes field experience). 5 quarter hours

ED 484 Internship in Middle School Education. After a period of orientation and observation, the student gains practical experience in teaching classes in his/her major fields in the public schools. This experience is under the continuous guidance of a competent teacher in cooperation with the college faculty member. Materials and Methods are utilized in lesson planning and teaching. Participation in all school activities is required of the student teacher. Includes seminar. 15 quarter hours
PREREQUISITES: Senior standing, and the completion of all professional education requirements. Fall, winter, and spring only.

ED 485 Internship in Middle School. A course required for high school education majors seeking additional certification in middle school education. 5 quarter hours

HIGH SCHOOL EDUCATION (ED) COURSES

ED 333 Teaching Reading in the Content Area. The fundamentals of vocabulary development and directed reading instruction in the social sciences, natural and physical sciences, mathematics, arts and music for students in grades 4-12. 5 quarter hours

ED 431 Materials and Methods of Teaching in the Middle School/High School.

The fundamental principles and techniques in planning, implementing, and evaluating learning activities and in selecting and using appropriate materials and equipment. The second phase is individualized according to the student's major areas (includes field experience). 5 quarter hours

ED 486 Internship in High School Education. After a period of orientation and observation, the student gains practical experience in teaching classes in his/her major fields in the public schools. This experience is under the continuous guidance of a competent teacher in cooperation with the college faculty member. Materials and methods are utilized in lesson planning and teaching. Participation in all school activities is required of the student teacher. Includes seminar. 15 quarter hours

PREREQUISITES: Senior standing, and the completion of all professional education requirements. Fall, winter, and spring only.

ED 487 Internship in High School Education. A course required for middle school education majors seeking additional certification in high school education. 5 quarter hours

SPECIAL EDUCATION LEARNING DISABILITIES (SE) (ED) COURSES

SE 301 Introduction to the Exceptional Child. A course designed to general survey course which addresses etiology, identification, incidence, curriculum modification, parent interaction and mainstreaming exceptional children. Required for all teacher education majors. 5 quarter hours

SE 310 Educational Assessment Procedures. A course designed to develop an understanding of assessment principles and purposes; it will also develop skill in administering a variety of educational diagnostic tests and procedures. 5 quarter hours

SE 320 Learning Disabilities: Theories and Issues. A course designed to help the student become familiar with the background theories, current questions, and possible solutions in the field of learning disabilities (includes field experience). 5 quarter hours

SE 410 Classroom Management and Discipline. A course designed to develop an understanding of classroom dynamics and the skills to deal effectively with a variety of discipline and management problems (includes field experience). 5 quarter hours

SE 411 Planning Individual Educational Programs. A course designed to develop skills in selecting and developing instructional sequences, selecting and writing appropriate objectives in an individualized educational program, and evaluating those objectives through the use of teacher-made mastery assessments. 5 quarter hours

PREREQUISITE: Curriculum Construction and Goals for the Learning Disabled (SE 420).

SE 413 Parent and Professional Conferencing Techniques. A course designed to help the perspective special educator develop communication skills and ethical standards in communicating programs and problems of the exceptional learner to parents, professionals and other appropriate personnel. To be taken concurrently with ED 488. 5 quarter hours

SE 420 Curriculum Construction and Goals for the Learning Disabled. A course designed to develop an understanding of educational taxonomies and apply those taxonomies to building appropriate curricula for the learning disabled student. 5 quarter hours

SE 421 Meeting the Needs of the Learning Disabled Adolescent. A course designed to develop an understanding of the learning disabled adolescent. It will stress an appreciation of the adolescent's academic, social, and vocational needs. 5 quarter hours

SE 422 Alternative Instructional Strategies. A course designed to provide the preservice teacher with alternative corrective procedures for a variety of presenting academic and social problems. (Includes field experience). 5 quarter hours

PREREQUISITE: all other reading and math coursework (ED 311, ED 411, ED 333, ED 323).

SE 423 Advanced Diagnostic and Implementation Strategies. A course designed to develop expertise in test administration, diagnosis of problems, and setting up instructional strategies for a variety of students in a simulated school setting. This course should be taken prior to actual internship. (Includes field experience). 5 quarter hours

PREREQUISITE: all other coursework except SE 413 and ED 488. May be taken concurrently with SE 422.

ED 488 Internship N-12. After a period of orientation, the student will gain practical experience in teaching classes in the public schools under continual guidance of competent teachers in cooperation with the college faculty member.* Utilization of materials and methods of teaching and participation in all activities are required of the student teacher. This course also includes a seminar. 15 quarter hours

PREREQUISITE: all other professional coursework except SE 413 which may be taken concurrently with ED 488.

*Five weeks will be spent in elementary settings and five weeks will be spent in secondary settings.

VOCATIONAL AND TECHNICAL POST SECONDARY EDUCATION

The Division of Education offers a program designed to prepare instructors to serve in the trade and industrial areas of instruction in post secondary technical colleges and institutes. Admission to the program is dependent upon the student's validation of an acceptable trade or technology as noted by the Department of Labor job code. A student who does not possess such technology may not enter the program.

I. Prerequisites:

A. Technical Training (up to 65 quarter hours maximum credit.)

All work experience credit must be validated by the NOCTI or another comparable examination of competency.

B. General Education*

Freshman English	10 quarter hours
Mathematics	5 quarter hours
Science	5 quarter hours
Economics	5 quarter hours
History	5 quarter hours

*The student is advised to complete the prerequisite general education courses at a junior college prior to entering Athens State College. However, a student, who has completed a six-quarter program of technical training may be admitted to the College as a special student and by special transient study arrangement attend a junior college to complete these courses.

5:

II. Upper Division:

A. General Education

Ethic	5 quarter hours
Speech	5 quarter hours
Literature	10 quarter hours
History, American	5 quarter hours
Social Science	5 quarter hours
Science	5 quarter hours
Psychology	5 quarter hours

B. Professional Education

Introduction to the Exceptional Child	5 quarter hours
Foundations of Education	5 quarter hours
Adolescent Psychology	5 quarter hours
Foundations of Vocational Education	5 quarter hours
Methods of Teaching Voc. & Teach. Ed.	5 quarter hours
Materials of Teaching Voc. & Tech. Ed.	5 quarter hours
Occupational Analysis	5 quarter hours
Practice Teaching in Post Secondary Tech. Schools	15 quarter hours

C. Electives

III. General Requirements:

All students must complete at least sixty-three (63) quarter hours credit at the 300-400 level.

All students must complete at least forty-five (45) of the last fifty-four (54) quarter hours of study at Athens State College, fifteen (15) hours of which must be taken on the main campus.

All students must complete at least ninety-six (96) quarter hours of study at an upper division (senior) college or the equivalent.

All students must complete at least 192 quarter hours of study.

IV. Certification Requirements:

At least three (3) years compensated work experience in the technical speciality is required for those who have completed a formal post-secondary technical training program; those who have not completed the formal technical training must have completed six (6) compensated work experience in the technical speciality.

**SECONDARY TRADE AND INDUSTRIAL EDUCATION
TEACHER TRAINING PROGRAM**

Students who have completed a technical training program of six (6) quarter length or who have completed six (6) years of compensated work experience and who have successfully completed the NOCTI or an equivalent competency examination may prepare to become a Trade and Industrial Teacher in the Secondary Schools by completing the following program. Students who do not possess such competency are not admissible.

I. Prerequisites:

- A. Technical Training (up to sixty-five (65) quarter hours maximum credit). All work experience credit must be validated by successful completion of the NOCTI or an equivalent examination of competency.
- B. General Education*
Freshman English 5 quarter hours
Science 5 quarter hours
Economics 5 quarter hours
Mathematics 5 quarter hours
Mechanical Drawing 5 quarter hours
History 5 quarter hours

*A student may enter Athens State College as a special student upon successful completion of a six (6) quarter technical accredited program. The student will complete the required prerequisite courses by special study arrangement with a junior college.

II. Upper Division:

- A. General Education
Psychology 5 quarter hours
Literature 10 quarter hours
History, American 5 quarter hours

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Social Science Electives	5 quarter hours
Science(Must include one year of study in either a Biological or Physical Science)	15 quarter hours
Speech	5 quarter hours
Ethics	5 quarter hours

B. Professional Education

Introduction to the Exceptional Child	5 quarter hours
Adolescent Psychology	5 quarter hours
Methods of Teaching Voc. & Tech. Ed.	5 quarter hours
Materials of Teaching Voc. & Tech. Ed.	5 quarter hours
Occupational Analysis	5 quarter hours
Foundations of Vocational and Tech. Ed.	5 quarter hours
Written Business & Professional Correspondence	5 quarter hours
Marketing	5 quarter hours
Vocational Information and Guidance	5 quarter hours
Industrial and Shop Safety	5 quarter hours
Practice Teaching in Trade and Industrial Secondary Education	15 quarter hours

III.General Requirements:

All students entering the Teacher Education Program must have completed the ACT test with a score of 16 or a comparable score on a secure nationally-normed test approved by the Division of Teacher Certification, State Department of Education.

All students must complete at least sixty-three (63) quarter hours credit at the 300-400 level.

All students must complete at least forty-five (45) of the last fifty-four (54) quarter hours of study at Athens State College; fifteen (15) of these hours must be taken on the main campus.

Students must complete at least 192 quarter hours of study of which at least 100 quarter hours must be in a senior college.

IV.Certification Requirements:

At least three (3) years compensated work experience in the technical specialty is required for those who have completed a formal post-secondary technical training program; those who have not completed the formal technical training must have completed six (6) years compensated work experience in the technical specialty.

**TRADE AND INDUSTRIAL EDUCATION
COORDINATOR**

Those who seek to serve as coordinators to Trade and Industrial Education Programs in secondary schools should complete the following program:

I. Prerequisites:

A. Technical Education (up to sixty-five (65) quarter hours)

All work experience credit must be validated by successful completion of the NOCTI or an equivalent examination of competency.

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B. General Education*

Freshman English	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
Mathematics	5 quarter hours
Science	5 quarter hours

*A student may enter Athens State College as a special student upon successful completion of a six quarter technical accredited program. The student will complete the required prerequisite courses by special arrangement with a junior college.

II. Upper Division

A. General Education

Speech	5 quarter hours
Psychology	5 quarter hours
Literature	10 quarter hours
History, American	5 quarter hours
Social Science Electives	5 quarter hours
Science (Must include one year of study in either Biological or Physical Science)	15 quarter hours

B. Professional Courses

Introduction to the Exceptional Child	5 quarter hours
Foundations of Education	5 quarter hours
Adolescent Psychology	5 quarter hours
Methods of Teaching Voc. and Tech. Ed.	5 quarter hours
Materials of Teaching Voc. and Tech. Ed.	5 quarter hours
Occupational Analysis	5 quarter hours
Foundations of Voc. and Tech. Ed.	5 quarter hours
Written Business & Professional Corres.	5 quarter hours
Marketing	5 quarter hours
Vocational Information & Guidance	5 quarter hours
Industrial and Shop Safety	5 quarter hours
Practice Teaching in Trade & Industrial Coordination	15 quarter hours
Shop Organization and Management	5 quarter hours
Functions of a Coordinator	5 quarter hours
Youth Organizations	5 quarter hours

III. General Requirements:

All students entering the Teacher Education Program must have completed the ACT test with a score of 16 or a comparable score on a secure nationally-normed test approved by the Division of Teacher Certification, State Department of Education.

All students must complete at least sixty-three (63) quarter hours credit at the 300-400 level.

All students must complete at least forty-five (45) of the last fifty-four (54) quarter hours of study at Athens State College, fifteen (15) of which must be taken on the main campus.

All students must complete at least ninety-six (96) quarter hours of study at an upper division (senior) college or the equivalent.

IV. Certification Requirements:

At least two (2) years compensated work experience in the technical specialty is required.

VOCATIONAL AND TECHNICAL (VE) COURSES

VE 302 Foundations of Vocational and Technical Education. A course designed to relate the development of vocational and technical education from historic apprenticeships to contemporary vocational and technical programs. Philosophies and principles of vocational and technical education are also reviewed. 5 quarter hours

VE 432 Methods of Teaching Vocational and Technical Subjects. A review of teaching strategies, procedures, audio-visual laboratory and concrete experiences which may be used to develop specific performance objectives for instruction. Laboratory experiences are included. 5 quarter hours

VE 433 Materials in Vocational Education. Includes teaching devices and methods of application; desirable teaching facilities; motivation and development of skill, reasoning qualities; lesson planning; shop organization, and management. 5 quarter hours

VE 434 Occupational Analysis and Curriculum Development in Voc-Tech Education. A course designed to provide a knowledge of the problems, techniques, and procedures in the selection and organization of subject matter for instructional purposes. Each student is required to develop a two-year vocational curriculum suitable for implementation in vocational school. 5 quarter hours

VE 435 Industrial and Shop Safety. Identifies potential safety hazards as they pertain to vocational education shops in the schools and industrial shops. Accident prevention techniques are provided. OSHA is introduced to the student in his/her area of skill concentration. 5 quarter hours

VE 436 Vocational Information Guidance. An introductory course in vocational guidance to provide the principles and techniques necessary to organize and operate vocational guidance services within the public school. 5 quarter hours

VE 437 Coordination of Vocational Programs. Provides the basic knowledge and skills necessary for the coordination of vocational programs. Types of programs, methods and techniques, and philosophy of cooperative programs are discussed. Topics include on-the-job training, record keeping for employment, resume' preparation, job interviewing, student placement, and student evaluation. 5 quarter hours

VE 438 Shop Organization and Management. Provides a knowledge of the problems, techniques, and procedures used to maintain and manage vocational and industrial shops for instructional purposes or for manufacturing. Deals with the organization, management, and care of shops. 5 quarter hours

VE 439 Youth Organizations and Advisory Committees. Describes the procedures for establishing, implementing and operating student organizations and advisory committees. 5 quarter hours

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- VE 440 Testing and Evaluation in Vocational Education.** Describes the evaluation standards for vocational skill courses and lecture courses with emphasis on the open entry concept. 5 quarter hours
- VE 441 Functions of the Coordinator.** Prepares the student for identifying and administering the various programs in vocational education that are of a cooperative nature. 5 quarter hours
- VE 442 Media Development and Use for Technical Educators.** A study of materials and media design for and/or adapted for use in teaching technical subjects. 5 quarter hours
- VE 443 Competency Based Instruction for Technical Educators.** A review of and practice in the application of the accountability cycle to instruction in the technical schools. 5 quarter hours
- VE 444 Individualizing Instruction in the Vocational and Technical Programs.** A study of instructional strategies and procedures for meeting the individual needs of students. 5 quarter hours
- VE 460 Practicum In Advanced Technical Studies.** Individually designed laboratory studies in the state of the art of a variety of technologies. Students will study with the foremost national authorities available in each of the technical fields. 5-15 quarter hours
- VE 461 Related Training in Vocational Education.** A course designed to include attendance at an approved industrial, company-operated school for the purpose of providing the vocational teacher with advanced related technical training. This course is open to qualified teachers or individuals preparing to enter this field of teaching. Detail planning for each course session will be conducted by a team of post-secondary trade and industrial teachers from throughout the state. Academic Deans of Technical Colleges, Presidents of Technical Colleges, State Department Representatives and the academic personnel of the college. Planning relates to ED 460 also. 5 quarter hours
- VE 483, 484, 485 Practicum in Teaching in Post Secondary Vocational and Technical Education (In-Service).** A series of studies designed to expand the current teaching skills of in-service teachers of technical subjects. 5 quarter hours
- VE 486 Practice Teaching in Secondary Vocational and Technical Education.** A course which provides an opportunity for prospective teachers to observe and implement instruction in a secondary technical school setting under the guidance of a competent critic/teacher. Participation in the full school program is required. 15 quarter hours.
- VE 487 Practice Teaching in Post Secondary Vocational and Technical Education.** A course which provides an opportunity for prospective teachers to observe and implement instruction in a technical college setting under the guidance of a competent critic/teacher. Participation in the full school program is required. 15 quarter hours

DIVISION OF SCIENCE AND HUMANITIES

Within the Division of Science and Humanities the following academic areas (units) are included: Humanities (Art, English, and Music), Social Science (History, Political Science, Geography, Religion and Philosophy), Behavioral Science (Psychology, Sociology, and Criminal Justice), Physical and Natural Science (Biology, Chemistry, Mathematics, Physics, and Health Science), and Technology (Instrumentation Science, Non-Destructive Testing, and Computer Science).

HUMANITIES

The Humanities include Art, English, and Music. The Humanities offers majors leading to the Bachelor of Arts degree in Art and in English. In cooperation with the Education Division it offers majors leading to the Bachelor of Science in Education degree in English and in Language Arts.

Minors are offered in all the above disciplines and in Music.

Requirements for majors and minors and a listing of course offering are given below by departments. The Division Chairperson and the Academic Dean may develop special Bachelor of Arts degree programs for students with unique educational backgrounds and objectives.

In addition to courses that may apply to a major or minor, the Division offers courses in humanities and speech.

Only those courses listed with an asterisk (*) serve as Humanities electives. *Other Humanities electives appear in the PH/RE section under Social Science.

ART(AR)

A student electing to work towards a Bachelor of Arts degree must complete a minimum of sixty (60) quarter hours of Art including AR 311, Landscape Painting and Drawing; AR 312 Figure Drawing; AR 314 Painting in Water Media; AR 317 Ceramic Sculpture; AR 418 Art Studio; AR 423 History of Modern Art; AR 424 Late Modern Art History-1945 to the present; AR 430 Advanced Drawing and Design; or the equivalent. At least twenty five (25) quarter hours must be taken at Athens State College.

All students declaring Art as a major or minor will be required to demonstrate a proficiency in drawing and design.

A minor consists of thirty (30) quarter hours of Art study including AR 312 Figure Drawing; AR 423 History of Modern Art, and AR 430 Advanced Drawing and Design.

ART (AR) COURSES

An interdivisional art-business management degree plan may be tailored for students whose career paths indicate this program. Approval of the Division Chairperson in Business and in Humanities is required before the student enters this program.

Academic Divisions

- AR 300 Drawing.** An introduction to drawing techniques with emphasis upon developing basic skills. 5 quarter hours
- *AR 301 Painting.** An introduction to basic oil painting techniques. 5 quarter hours
- AR 309 Materials and Methods of Art in Elementary School.** A course designed to assist teachers to provide instructional strategies and resource materials for meaningful art education of students in grades 1 through 6. Theory and practical problems. 5 quarter hours
- *AR 311 Landscape Painting and Drawing.** Emphasis upon direct nature studies. 5 quarter hours
- AR 312 Figure Drawing.** The human figure as subject for drawing techniques. 5 quarter hours
- AR 313 Portrait Drawing and Painting.** A variety of media will be used to develop skills in portraiture. 5 quarter hours
- AR 314 Painting in Water Media.** Transparent and opaque water color techniques. 5 quarter hours
- *AR 315 Ceramics I.** An introduction to basic ceramic techniques with emphasis upon hard-constructed ceramics. 5 quarter hours
- AR 316 Ceramics II.** Emphasis upon developing the student's skills using the the potter's wheel and in using hand-building methods to create personal forms and imagery. (Will not satisfy the Humanities requirement). 5 quarter hours
- AR 317 Ceramic Sculpture.** An exploration of clay and terra cotta as sculptural media. 5 quarter hours
- AR 330 Photography.** An exploration of basic techniques in black and white photography. (Will not satisfy the Humanities requirement). 5 quarter hours
- AR 331 Photography II.** Advanced theory and practice in photography. (Will not satisfy the Humanities requirement). 5 quarter hours
- *AR/HU 340 The Visual Arts.** An analysis and examination of the visual arts in terms of stylistic development as well as the relationships between the visual arts and other humanistic endeavors. The development of art from pre-history to the 20th century. 5 quarter hours
- AR 401 Advanced Figure Drawing.** A continuation of Figure Drawing building on the techniques learned in AR 312 to create a finished product. Prerequisite AR 312. 5 quarter hours
- *AR 408 Printmaking.** Development of techniques in various print media. 5 quarter hours
- AR 418, 419, 420 Art Studio.** Working with a selected professor, the student will define and explore a creative project. Student will be allowed to determine the direction of his own creation. Art majors/minors only. 5 quarter hours each
- *AR 423 History of Modern Art.** The post-impressionist period through 1945. 5 quarter hours
- *AR 424 Late Modern Art History.** 1945 to present. 5 quarter hours
- AR 430 Advanced Drawing and Design.** Advanced concepts in drawing and composition. 5 quarter hours

- AR 450 Internship in Art.** An internship program in which the student will receive training with a commercial enterprise relating to his/her area of experience. 5-15 quarter hours
- AR 460 Special Workshops in Arts and Crafts.** 1-5 quarter hours

ENGLISH (EH)

English as an academic field encompasses both theory and practice in the reading and interpreting of literature and in written and oral communication. All courses are designed to engage the intelligence, excite the imagination, improve the scholarship, and increase the enjoyment of students. Appropriate transferred courses can be substituted, when so evaluated, for listed required courses.

Bachelor of Arts Degree - English

English major and minor requirements, Bachelor of Arts degree:

- | | |
|--|------------------------|
| English Major, B.A. degree | 55 quarter hours total |
| Lower Division: | |
| English Composition | 10 quarter hours |
| Literature Surveys | 10 quarter hours |
| Upper Division: | |
| EH 312 Dramatic Literature | |
| EH 318 Business and Professional Communication | |
| EH 414 Development of the Language | |
| EH 425 Shakespeare | |
| EH 431 Poetry | |
| EH 433 Fiction | |
| EH Elective from the following: | |
| EH 304 Southern Literature | |
| EH 307/308 Major Authors I & II | |
| EH 310 Media of Film | |
| EH 320 Advanced Grammar | |
| EH 400 Oral Interpretation of Literature | |
| English Minor, B.A. degree | 35 quarter hours |
| Lower Division: | |
| English Composition | 10 quarter hours |
| Literature Surveys | 10 quarter hours |
| Upper Division: | |
| EH 414 Development of the Language | |
| EH 424 Shakespeare | |
| EH 431 Poetry | |
| (See electives) | |

Academic Divisions

Bachelor of Science in Education - English

English Major Requirements, Bachelor of Science in Education:

English Composition	10 quarter hours
Literature Surveys	10 quarter hours
EH 312 Dramatic Literature	
EH 318 Business and Professional Communication	
EH 320 Advanced Grammar	
EH 414 Development of the Language	
EH 425 Shakespeare	
EH 431 Poetry	
EH 433 Fiction	
EH Electives (from the following)	15 quarter hours
EH 304 Southern Literature	
EH 307/308 Major Authors I & II	
EH 310 Media of Film	
EH 400 Oral Interpretation of Literature	

Bachelor of Science in Education - Language Arts

English Composition	10 quarter hours
Literature Surveys	10 quarter hours
EH 303 Journalism	
EH 311 Drama Production	
EH 312 Dramatic Literature	
EH 318 Business and Professional Communication	
EH 320 Advanced Grammar	
EH 400 Oral Interpretation of Literature	
EH 414 Development of the Language	
EH 425 Shakespeare	
EH 431 Poetry	
EH 433 Fiction	
EH Electives (15 quarter hours)	
(Must include at least two of the following):	
EH 304 Southern Literature	
EH 307/308 Major Authors I & II	
EH 310 Media of Film	

(For core requirements for the Bachelor of Science in Education see page 28 of this catalog).

ENGLISH (EH) COURSES

- EH 303 Journalism.** Study and practical experience with the journalistic processes, practices, and principles of the various mass media through study and discussion, actual contacts with media representatives, and practice in writing for the media. Special emphasis on the managing of school publications, such as newspaper and yearbook. 5 quarter hours
- *EH 304 Southern Literature.** An appreciative and critical survey of the extensive body of fine literature written by and about residents of the American South, with a concentration on such writing in the twentieth century. Oral and written student response. 5 quarter hours

- EH 305 Written Business and Professional Communication I.** Practices in and studies of technical and expository writing, to include reports, letters, studies, and reviews, as required in business, technical, and other professional areas. 5 quarter hours
- EH 306 Written Business and Professional Communication II.** Advanced technical and expository writing, to include proposals and business research papers. 5 quarter hours
- EH 307 Major Authors I (Ancient to Renaissance).** A survey of selected contributions to western civilization by the great writers of ancient and medieval times, including such master pieces as the *Old Testament*, the *Iliad*, Greek drama, *The Divine Comedy*, and *The Canterbury Tales*. Oral and written student response. 5 quarter hours
- *EH 308 Major Authors II (Renaissance Through Modern).** A survey of selected contributions to western civilization by the great writers of the sixteenth through the twentieth centuries, to include earlier writers such as Shakespeare, Donne, Milton, Dryden, and Pope, with major emphasis on the writers of the nineteenth and twentieth centuries. Oral and written student response. 5 quarter hours
- *EH 310 Media of the Film.** The history, artistic development, and literary value of the film from late nineteenth century to the present. Designed to develop critical and evaluative techniques, both through discussion and critical writing. 5 quarter hours
- EH 311 Drama Production.** The sequential development of expertise through study and experience in the interpreting and directing of stage drama. Designed to familiarize the student with techniques of acting, directing, lighting, costuming, and set construction. Individual drama project planned and executed. 5 quarter hours
- *EH 312 Dramatic Literature.** Selected studies in drama, from classical through contemporary, to provide a wide familiarity with dramatic literature, as well as a close study of specific plays. Oral and written student response. 5 quarter hours
- EH 318 Business and Professional Communication.** Study and practice in individual public speaking and in small group dynamics, to include argument and debate, panels, and discussion guiding. Designed to develop poise and skill in both individual and group speech situations and to encourage good voice and diction practices in the individual. Exercises in written business communication, particularly the resume'. 5 quarter hours
- EH 320 Advanced Grammar.** A teacher-oriented course in both traditional standard grammar and the linguistic-based grammatical systems. Includes vocabulary development and practice in expository writing. 5 quarter hours
- EH 321 Research Sources and Skills.** Location of and familiarization with resource materials in various subject fields and the use of these materials, particularly in the preparation of a scholarly paper in the student's field of interest. 5 quarter hours
- EH 400 Oral Interpretation of Literature.** Study and practice designed to increase the ability to interpret literature dramatically and effectively to others. Course includes training and experience in pantomime, oral reading, improvisation, and story-telling. 5 quarter hours

- EH/RE 413 Wisdom and Devotional Literature.** See RE 413. 5 quarter hours
- RE 414 Development of the Language.** The history of American English and its current linguistic standards and variations. Designed to increase understanding and appreciation of the language itself and the way language becomes effective communication. Includes familiarization with America's prevalent dialects. Analytical writing. 5 quarter hours
- *EH 425 Shakespeare-the Sonnets and the Plays.** Acquaintance with the range of Shakespeare's work, with emphasis upon appreciating and analyzing those sonnets and plays most likely to be encountered in teaching or in public presentation. Written critical response. 5 quarter hours
- *EH 431 Poetry.** Critical evaluation and enjoyment of the qualities of poetry, as well as of specific poems, particularly those of British and American origin, familiar, traditional, and contemporary. Written creative and critical response. 5 quarter hours
- *EH 433 Fiction.** Study of a wide range of fiction, in short and long forms, to increase enjoyment of short story and novel and to develop analytical and evaluative skills. Critical written response. 5 quarter hours
- EH 460 Directed Studies in Scholarly and Creative Writing.** Primarily guidance and practice in research methods and scholarly writing, or individual guidance in creative writing. 5 quarter hours

HUMANITIES (HU) COURSES

These are survey courses intended to give the student a comprehensive, but not in-depth acquaintance with the Humanities.

- *HU 304 Landmarks of Western Culture.** A review of selected examples of man's creative achievements in drama, literature, philosophy, art, and music. This course is designed to enlarge the student's understanding of the nature of man and his/her appreciation of human values. 5 quarter hours
- *HU 305 Language and the Arts.** A study of language and vocabulary in relationship to drama, literature, philosophy, art, and music. Includes a study of the essential meaning of English roots, Greek and Latin prefixes and suffixes, and cognates as these relate to the communication of ideas. 5 quarter hours

(See PH/RE section for additional courses that fulfill Humanities requirement)

MUSIC (MU)

The courses offered in Music serve three primary objectives:

1. To offer courses and musical experiences leading to a minor for Bachelor of Science or Bachelor of Arts degree students.
2. To offer electives for students who desire music or humanities credit.
3. To enrich the cultural life of the college and community.

The program for a minor in music requires thirty (30) quarter hours credit including the following courses: MU 300/301/302 Music and Theory and MU 304/305/306 Aural Musicianship - twelve (12) quarter hours, MU 321 Music Literature, Applied Music (piano and/or voice), music ensemble each quarter (for credit or non-credit).

MU 300/301/302 Music Theory. A course presenting the fundamentals of music theory including scales, modes, intervals, key signatures, triads in fourpart writing, sightsinging, ear-training, and keyboard harmony. This course or the equivalent is required of all music minors. Permission of the professor required. Co-requisite: MU 304/305/305 (Offered on demand).
4 quarter hours each

MU 304/305/306 Aural Musicianship. Required of all music minors who study theory unless exempted by a proficiency test. Instruction in rhythmic, intervallic, melodic and harmonic dictation; sightsinging. Co-requisite: MU 300/301/302.
No Credit

***MU 310 Music Appreciation.** A survey of music designed to prepare the student for more intelligent listening to and appreciation of serious music. No technical background is necessary. This course fulfills five (5) quarter hours of the Humanities elective requirements. Offered each quarter.
5 quarter hours

MU 321/322 Music Literature. A study of the development of the significant musical styles with special attention to the individual contributions of major composers. (Offered on demand)
5 quarter hours each

MU 325 Conducting. A study designed to develop skills in conducting and score reading. Includes both baton and choral rehearsal techniques. (Offered on demand).
3 quarter hours

MU 329/330 Class Piano. Consists of class instruction in basic techniques of playing the piano. No previous technical experience required. (Offered on demand).
3 quarter hours each

MU 339/340 Class Voice. Consists of class instruction in the basic concepts in singing. Includes the study of proper tone production, breath control, and diction. (Offered on demand)
3 quarter hours each

MU 410 Choral Techniques. A study in the refinement of choral techniques including blend, balance, choral tone, rehearsal techniques, and procedures. Includes a survey of choral literature and helps in organizing and developing choral groups. (Offered on demand).
5 quarter hours

MU 451 Materials and Methods of Teaching Music N-6. A study to assist the classroom teacher in meeting the needs of pre-school and elementary students in music. A study of group activities and materials through which children can experience music.
5 quarter hours

MU 460 Music Drama Production. Special study in the preparation and presentation of musical productions.
1-5 quarter hours

APPLIED MUSIC

(Permission of Professor is required)

MU 371 O - 372 O - 373 O Private Organ	1 quarter hour
MU 471 O - 472 O - 473 O Private Organ	1 quarter hour
MU 371 P - 372 P - 373 P Private Piano	1 quarter hour
MU 471 P - 472 P - 473 P Private Piano	1 quarter hour
MU 371 V - 372 V - 373 V Private Voice	1 quarter hour
MU 471 V - 472 V - 473 V Private Voice	1 quarter hour
MU 381 O - 382 O - 383 O Private Organ	2 quarter hours
MU 481 O - 482 O - 483 O Private Organ	2 quarter hours
MU 381 P - 382 P - 383 P Private Piano	2 quarter hours
MU 481 P - 482 P - 483 P Private Piano	2 quarter hours
MU 381 V - 382 V - 383 V Private Voice	2 quarter hours
MU 481 V - 482 V - 483 V Private Voice	2 quarter hours
One half-hour lesson weekly	1 quarter hour credit
One hour lesson weekly	2 quarter hours credit
(With professor's approval, these may be repeated for credit)	

MUSIC ENSEMBLE

(Except Summer)

MU 341 College Singers	1 quarter hour
MU 343 Choral Union (permission of professor required)	1 quarter hour
MU 345 Selected Chorus	1 quarter hour

SOCIAL SCIENCES

The Social Sciences include History, Political Science, Geography, Philosophy, and Religion. The Social Sciences offer majors leading to the Bachelor of Arts and the Bachelor of Science in Education degrees. Minors are offered in History, Political Science, and Religion and Philosophy.

Bachelor of Science in Education - Social Science
Grades 7 - 9 & 10 - 12

No minor is required.

An eighty (80) hour comprehensive course program is required.

Requirements for the Degree of Bachelor of Science in Education - Social Science are as follows:

Western Civilization or American Survey	10 quarter hours
SS/HY/SE 301 Social Science Research Techniques and Methods	5 quarter hours
HY 400 Colonial and Revolutionary America	5 quarter hours
HY 303 Alabama History	5 quarter hours
PO 300 American Domestic Political Problems	5 quarter hours
SS/EC 310 Basic Economics	5 quarter hours
GO 309 World Regional Geography	5 quarter hours
SO 361 Social Analysis	5 quarter hours
PS 300 Contemporary Psychology or General Psychology	5 quarter hours
PH 301 Introduction to Philosophy	5 quarter hours

Choose at least 10 quarter hours from the following:

PO 303 State and Local Government	5 quarter hours
PO 356 American Foreign Policy	5 quarter hours
PO 453 International Politics	5 quarter hours

Choose at least 5 hours from the following:

SS/EC 321 Money and Banking	5 quarter hours
SS/EC 322 Intermediate Macro-Economic Theory	5 quarter hours
SS/EC 323 Intermediate Micro-Economic Theory	5 quarter hours

Choose at least 5 hours from the following:

GO/EC 311 Economic Geography	5 quarter hours
GO 320 Anglo-American Geography	5 quarter hours

Choose at least five (5) quarter hours from the following:

SO 312 Minority Group Relations	5 quarter hours
SO 362 Deviant Social Behavior	5 quarter hours

(See page 28 of this catalog for core requirements in the Social Sciences.)

SOCIAL SCIENCE (SS)

SS 300 Principles of Social Science. A comprehensive course designed to explore the philosophies and concepts upon which the social sciences are based. Includes History, Psychology, Sociology, Political Science and Philosophy. Required of all students majoring in the Social or Behavioral Sciences and seeking the Bachelor of Science in Education degree.

5 quarter hours

SS/HY/SO 301 Social Science Research Techniques and Methods. Emphasizes principles of social science research and study of major historians. Aims at preparation of teaching materials. Required of history and social science majors. Should be taken at the beginning of the junior year.

5 quarter hours

HISTORY (HY)

The History faculty seeks to develop in its students an appreciation of our cultural heritage, an understanding of the world in which we live, and an awareness of the future. It strives to develop, in its majors, the research abilities necessary for graduate work.

Through service courses of interest to the non-major it makes the student aware of the cultural legacy from Europe, England, and the United States and affords an opportunity to study other areas of the world such as Latin America, and the Middle East.

Bachelor of Arts - History

The following core courses should be completed before the student enrolls as a History major at Athens State College:

Western Civilization	10 quarter hours
Survey of American History	10 quarter hours

The courses required for the History major are as follows:

HY/SO/SS 301 Social Science Research Techniques and Methods	5 quarter hours
HY 400 Colonial and Revolutionary America	5 quarter hours

Academic Divisions

One other course in American History	5 quarter hours
Two courses in European History or	10 quarter hours
One course in European History and one of the following:	
HY 323 Twentieth Century Latin America	
HY/PO 354 Communist Area Studies	
HY 435 The Middle East	

Total 45 quarter hours

1. A minor is required for the Bachelor of Arts degree.
2. The student should realize that for graduate school a reading knowledge of one or two languages is generally required.

Bachelor of Science in Education - History

In addition to the core courses required in the Social Studies, an additional course in either Western Civilization **or** American History Survey is required.

The courses required for the History major are as follows:

SS 300 Principles of Social Science	5 quarter hours
SS/HY/SO 301 Social Science Research Techniques and Methods	5 quarter hours
HY 303 Alabama State History	5 quarter hours
HY 400 Colonial and Revolutionary America	5 quarter hours
HY 403 Twentieth Century America	5 quarter hours
HY 314 Contemporary Europe	5 quarter hours

One of the following courses:

HY 311 Dawn of Modern Europe	5 quarter hours
HY 312 Revolutionary Europe	5 quarter hours
HY 313 Europe in the Victorian Age	5 quarter hours
HY 323 Twentieth Century Latin America	5 quarter hours
HY 435 The Middle East	5 quarter hours
HY/PO 354 Communist Area Studies	5 quarter hours

History course requirements for both Middle School and Senior High School History majors are the same.

Under recently enacted regulations for teacher certification, two majors are required. (See page 28 of this catalog for requirements for Bachelor of Science in Education .

A minor is required.

HISTORY MINOR

History is an approved area of study for a minor. The student is to complete at least thirty (30) quarter hours of courses in History to include two of the following three courses:

- HY 400 Colonial, Revolutionary, and Federalist America
- HY 402 Civil War, Reconstruction, and Industrialized America
- HY 403 Twentieth Century America

plus one advanced history course in a history area other than American History.

SS/HY/SO 301 Social Science Research Techniques and Methods. Emphasizes principles of social science research and study of major historians. Aims at preparation of teaching materials. Required of History and Social Science majors. Should be taken at the beginning of the junior year.

5 quarter hours

HY/SO 302 Great American Issues. A comparative course designed to examine continuing American issues. Emphasis is placed on contemporary problems through the use of readings, dramatizations, and discussions.

5 quarter hours

HY 303 Alabama State History. The history of Alabama and its southern heritage from early times to the present. Present day problems and the space age are included.

5 quarter hours

HY 310 Ancient World. A study of the ancient world from prehistoric times, to the collapse of the Roman Empire.

5 quarter hours

HY 311 Dawn of Modern Europe. A study of the leading events, institutions, and contributions of the Middle Ages, surveyed as a background to the development of modern Europe. The major portion of the course is devoted to modern European trends as the rise of the nation-state, age of exploration, the Renaissance and the Reformation movements.

5 quarter hours

HY 312 Revolutionary Europe. A study of the background and the events of the French Revolution and the Napoleonic Period (1715-1815). Prerequisite: Western Civilization or equivalent.

5 quarter hours

HY 313 Europe in the Victorian Age. A study of the social, political, and industrial forces which shaped modern Europe in the century 1815-1914. Prerequisite: Western Civilization .

5 quarter hours

HY 314 Contemporary Europe. The social, political, and economic development of Europe in the twentieth century.

5 quarter hours

HY 321 History of England. A survey of English history from 55 B.C. to 1688. Encompasses political, constitutional, socio-economic and cultural intellectual movements.

5 quarter hours

HY 322 History of England. A survey of English history from 1688 to the present. Encompasses political, constitutions, socio-economic, cultural-intellectual, and imperial movements.

5 quarter hours

HY 323 Twentieth Century Latin-America. Covers the political, social, economic, and cultural developments of the Central and South American states. Spanish institutions and nineteenth-century trends pertinent to the modern development of these republics are considered.

5 quarter hours

HY 354 Communist Areas Studies. See PO 354 for course description.

5 quarter hours

HY 361 The South in United States History. A study of the South as a region. A survey of its historical, economic, and social development and the role of the South in United States history.

5 quarter hours

HY 400 Colonial and Revolutionary America. A survey of Anglo-American Colonial history, revolutionary developments, and ratification of the Constitution of the United States.

5 quarter hours

Academic Divisions

HY 402 Civil War, Reconstruction, and Industrialization of America. Causes, events and results of the Civil War, political, economic, and social aspects of reconstruction, and the industrialization, urbanization, rising demands for social justice, and the growing independence of the people of the United States are emphasized. 5 quarter hours

HY 403 Twentieth Century America. A survey of the political, social, cultural and economic happenings in twentieth century America. Emphasis is placed on the Progressive Movement, role of the United States in world affairs, post World War I era, and developments since World War II. 5 quarter hours

HY 435 The Middle East. A survey of the historical and cultural characteristics of those countries from Mauritania and Morocco to Afghanistan. Emphasis is placed on the historical development and Arabization of the region, current socio-economic problems, the strategic significance of the area, and its relations to the rest of the world. 5 quarter hours

HY 460 Seminar in History. A special research course to meet the specific needs and interests of students. 5 quarter hours

POLITICAL SCIENCE (PO)

Political Science seeks to prepare students for careers in law, teaching, political journalism, public administration, and the foreign service.

The student preparing to attend graduate school or enter government service should complete the Bachelor of Arts with a major in Political Science, and an approved minor. However, he/she may select the Bachelor of Science degree which does not require a minor.

Degree requirements are as follows:

Bachelor of Arts - Political Science •

Prior to entering Athens State College the student should complete:

Western Civilization or American History 10 quarter hours
American Government 5 quarter hours

The student should complete the following courses at Athens State College:

PO 302 Problems of American Government **or** PO 351
Political Sociology 5 quarter hours
PO 303 Comparative State & Urban Government **or**
PO 305 Alabama Government 5 quarter hours
PO 353 Comparative Political Systems **or** PO
354 Communist Area Studies 5 quarter hours
PO 356 American Foreign Policy 5 quarter hours
PO 453 International Politics **or** PO 319 Introduction
to International Commerce 5 quarter hours
PO 358 Public Administration 5 quarter hours

In addition ten (10) quarter hours of Political Science Electives.
Total 55 quarter hours

Bachelor of Science - Political Science

Prior to entering Athens State College the student should complete;

Western Civilization or American History	10 quarter hours
American Government	5 quarter hours

The student should complete the following courses at Athens State College:

PO 302 Problems of American Government or PO 351	
Political Sociology	5 quarter hours
PO 303 Comparative State and Urban Government or	
PO 305 Alabama Government	5 quarter hours
PO 353 Comparative Political Systems or PO 354	
Communist Area Studies	5 quarter hours
International Politics or Introduction to	
International Commerce	5 quarter hours
PO 358 Public Administration	5 quarter hours
In addition ten (10) quarter hours of Political Science electives.	
Total	50 quarter hours

Bachelor of Science in Education - Political Science

Prior to entering Athens State College the student should complete:

American Government	5 quarter hours
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The student should complete the following courses at Athens State College:

PO 302 Problems of American Government	5 quarter hours
PO 351 Political Sociology	5 quarter hours
PO 303 Comparative State and Urban Gov't.	5 quarter hours
PO 305 Alabama Government	5 quarter hours
PO 353 Comparative Political Systems	5 quarter hours
PO 354 Communist Area Studies	5 quarter hours
PO 356 American Foreign Policy	5 quarter hours
PO 453 International Politics or PO 319	
Introduction to International Commerce	5 quarter hours
PO 358 Public Administration	5 quarter hours
SS 300 Principles of Social Science	5 quarter hours
Total	40 quarter hours

A second teaching major is required in the Bachelor of Science in Education program.

A minor is not required in this program.

For core requirements for the Bachelor of Science in Education, see page 28 of this catalog.

POLITICAL SCIENCE MINOR

The student seeking a minor in Political Science should complete thirty (30) quarter hours of political science course to include the following courses at Athens State College:

Academic Divisions

PO 300 American Domestic Political Problems

PO 303 Comparative State and Urban Government

PO 453 International Politics

PO 300 American Domestic Political Problems. This course reviews the federal government's attempts to solve problems in the following areas: welfare, education, health, pollution, energy crisis, crime, economy, budget, taxation, Supreme Court decisions, minority groups. 5 quarter hours

PO 302 Problems of American Government. A study of the structure and institutional problems of American government in contemporary perspective. 5 quarter hours

PO 303 Comparative State and Urban Government. A comparative examination of the operation, issues, and theories of state and urban government throughout the United States. 5 quarter hours

PO 305 Alabama Government. Examines the structure and operation of state and local government in Alabama. At the state level, particular emphasis is placed on the work of the legislature and state agencies. At the local level, problems faced by governments in Huntsville, Decatur, Athens, and Birmingham are given special attention. 5 quarter hours

PO 319 Introduction to International Commerce. Examines the international economic system and the challenges faced by multinational corporations in the conduct of international business. Special attention is given to the mechanics of importing and exporting, International finance, and private International law. 5 quarter hours

PO/SO 350 Concepts of Justice. See SO 350 for course description.

5 quarter hours

PO 351 Political Sociology. Explores what federal, state, and local governments are doing to solve major social problems, such as poverty, crime, and minority group relations. Also listed as SO 351. 5 quarter hours

PO 353 Comparative Political Systems. Examines the theory of comparative government as well as government and politics in Western Europe, Asia, Africa, and Latin America. 5 quarter hours

PO 354 Communist Area Studies. Looks at the history, geography, and current political systems in the Soviet Union, Eastern Europe, and Communist China. Some attention given to Cuba and other small communist states. (Also listed as HY 354). 5 quarter hours

PO 356 American Foreign Policy. A study of the historical framework of American Foreign Policy from the American Revolution to the present. The major themes of diplomacy are discussed. The economic, military, and political dimensions are stressed. 5 quarter hours

PO 358 Public Administration. Designed to acquaint the student with the basic principles of public administration and the structure and programs of the Federal Bureaucracy. Public administrators are invited to relate their experiences and problems at a few sessions. Prerequisite: American Government. Also listed as BU 358. 5 quarter hours

PO 360 Constitutional Law. Concerned principally with the unique role of the United States Supreme Court as a policy-making body in the American governmental system and with the constitution as a major source of law. 5 quarter hours

PO 453 International Politics. A survey of the basic characteristics and theories of the international system. Special emphasis is placed on regional and international organization, international law, international economics, and international cooperation. 5 quarter hours

GEOGRAPHY (GO) COURSES

A degree in geography is not offered at Athens State College. Any geography course may be taken as a Social Science elective.

GO 309 World Regional Geography. A comprehensive treatment of both the physical and cultural elements of the Eastern Hemisphere. A treatment that will impact an understanding to the student as to why some groups prosper and others do not. 5 quarter hours

GO 311 Economic Geography. Analysis of the origins, nature and distributions of man's economic activities over the world. Elementary models of economic patterns, processes, and relationships in geographic space are stressed and the relation of these factors to the present position of the nations of the world. 5 quarter hours

GO 320 Anglo-American Geography. A systematic approach to the examination of the modern geography of the United States and Canada. Regional patterns and variations are probed for an overall view of Anglo-America. 5 quarter hours

PRE LAW

There is no prescribed curriculum for admission to law school. The student should consult the catalog of the law school he/she plans to attend for specific requirements. The student is advised to seek a major in History, Behavioral Science, Political Science, or Social Science for anticipated public employment, or in Business Administration, Accounting or Economics for employment in the private sector. The Social Science Coordinator will appoint an advisor.

PHILOSOPHY AND RELIGION (PH/RE)

A major may be earned either in Religion or in Religion and Philosophy.* A student electing one of these must complete fifty-five (55) quarter hours in his/her major including forty (40) quarter hours of upper division courses - twenty five (25) of which must be taken at Athens State College. All required courses must be taken at the upper division level. For a major in Religion and Philosophy at least fifteen (15) of the fifty-five (55) quarter hours must be taken in each discipline.

The following courses are required for the Religion major:

RE 320 Introduction to the OLD TESTAMENT

RE 321 Introduction to the NEW TESTAMENT

RE 327 Sociology of Religion

RE 351 Christian Thought Today

RE 403 Religion of Life

RE 410 The Life of Jesus

RE 412 The Hebrew Prophets

RE 414 History of Christianity

Academic Divisions

PH 301 is also required but does not apply to the fifty-five (55) quarter hours in the major.

The following courses are required for the Religion and Philosophy major:

PH 301 Introduction to Philosophy

PH 312 Logic

PH 323 History of Philosophy

RE 320 Introduction to the OLD TESTAMENT

RE 321 Introduction to the NEW TESTAMENT

Thirty (30) quarter hours either in Religion or in Religion and Philosophy will constitute a minor in this department.

RE 330/331 Biblical Hebrew Grammar I and II and RE 340/341 NEW TESTAMENT Greek for beginners do not apply toward a major or a minor.

Religion courses accepted from non-accredited schools will serve only as general electives and will not apply toward Humanities elective requirements or toward a major or a minor.

Courses in this department are nondenominational and are designed to be of value to anyone who is interested in knowing more of the Judeo-Christian faith and history and in relating life to ultimate religious and philosophical concerns.

*After the Academic Year 1981-82 a major will be offered only in the combined area of Religion and Philosophy.

PHILOSOPHY (PH) COURSES

***PH/SO 300 Moral Values in Today's Society.** A sociological approach to the study of morality combined with a philosophical examination of what moral value is and how moral values may be realized in today's society. Emphasis will be given to specific current moral issues. May be taken for Sociology credit. 5 quarter hours

***PH 301 Introduction to Philosophy.** An examination and evaluation of various philosophical answers to basic problems of philosophy. 5 quarter hours

***PH 312 Logic.** A course intended to help the student develop skill in detecting, identifying, and analyzing fallacious reasoning and implications in the mass media, literature, advertising, theater, philosophy, religion and debate. 5 quarter hours

PH 323 History of Philosophy. A survey of the most significant philosophers and philosophical movements from Thales to modern times. 5 quarter hours

***PH/RE 351 Christian Thought Today.** See description under RELIGION (RE). 5 quarter hours

***PH/RE 403 Religion in Life.** See description under RELIGION (RE). 5 quarter hours

PH 460 Independent Study. The student will engage in independent research in an area of his particular interest approved by the instructor. Open only to superior students who have had at least fifteen (15) hours of philosophy in the classroom. May be repeated for up to ten additional hours credit. 5 quarter hours

RELIGION (RE)

Academic Divisions

- *RE 301 Major Religions of the World.** A study of the principal non-Christian religions of the world in comparison with Christianity. 5 quarter hours
- *RE 303 Current Religious Movements and Issues.** An examination of current religious issues and movements which are influential in the thought and practice of modern society. 5 quarter hours
- *RE 320 Introduction to the OLD TESTAMENT.** A study of Hebrew history and thought as recorded in the OLD TESTAMENT. 5 quarter hours
- *RE 321 Introduction to the NEW TESTAMENT.** A study of the beginnings of the Christian movement as interpreted by NEW TESTAMENT writers. 5 quarter hours
- *RE/SO 327 Sociology of Religion.** The interaction, interpretation, and inter-relationships of religion, society, and individual morality in American religious behavior and institutions. May be taken for Sociology credit. 5 quarter hours
- RE 330 Biblical Hebrew Grammar I.** Inductive approach, utilizing the Biblical narratives, especially in Genesis and the book of Kings. 5 quarter hours
- RE 331 Biblical Hebrew Grammar II.** Emphasis on conjugations, syntax, and morphology, Hebrew poetry and Hebrew narrative. 5 quarter hours
- RE 340 NEW TESTAMENT Greek for Beginners I.** Greek grammar utilizing NEW TESTAMENT vocabulary. 5 quarter hours
- RE 341 NEW TESTAMENT Greek for the Beginners II.** Sequence to RE 340. 5 quarter hours
- *RE/PH 351 Christian Thought Today.** A critical survey of three major trends in the interpretation of Christianity today: conservatism, liberalism, and neo-Reformation thought. May be taken for Philosophy credit. 5 quarter hours
- *RE/PH 403 Religion in Life.** A study of Christian ethics which examines the Christian meaning of righteousness and its implications for decision-making in today's world. May be taken for Philosophy credit. 5 quarter hours
- *RE 410 The Life of Jesus.** A study of the life and teachings of Jesus based chiefly on the Synoptic Gospels (Matthew, Mark, and Luke). Also consideration will be given to the Gospel of John. 5 quarter hours
- *RE 411 Paul.** The life, letters, and times of Paul studied with the purpose of coming to an understanding of his thought and its significance for Christians today. Prerequisite for majors: Introduction to the NEW TESTAMENT or the instructor's permission. 5 quarter hours
- *RE 412 The Hebrew Prophets.** An inquiry into the origin, nature, and development of the Hebrew prophetic movement, and an examination of the lives, times, and messages of the latter OLD TESTAMENT prophets. Prerequisite for majors: Introduction to the OLD TESTAMENT or the instructor's permission. 5 quarter hours
- *RE 413 The Wisdom and Devotional Literature of the OLD TESTAMENT.** A historical and faith analysis of the books of Job, Ecclesiastes, Song of Solomon, Proverbs, Psalms and other fourth and third century B.S. OLD

Academic Divisions

TESTAMENT writings. Prerequisite for majors: **Introduction to the OLD TESTAMENT** or permission of the instructor. 5 quarter hours

***RE 414 History of Christianity.** A survey of the background, origin, and development of the Christian movement to modern times. 5 quarter hours

***RE 422 Daniel and Revelation.** A study of the development of apocalyptic writings, their message for their own times, their misuse, and their significance for today. 5 quarter hours

RE 460 Independent Study. Individual research. Open only to superior majors by permission of the department head. May be repeated for up to ten additional hours of credit. 5 quarter hours

BEHAVIORAL SCIENCE

Students electing a major in the area of Behavioral Science may select a degree from one of the following: Psychology, Interdisciplinary Studies, Sociology, or Criminal Justice. Psychology offers a Bachelor of Arts degree, a Bachelor of Science degree, a Bachelor of Science in Education (Middle School), and a Bachelor of Science in Education (High School). The interdisciplinary degrees are Bachelor of Science in Behavioral Science and a Bachelor of Science in Personnel Psychology. Sociology offers a Bachelor of Arts degree and a Bachelor of Science degree. The Bachelor of Science in Criminal Justice may include one of the following majors: **Administration of Justice or Corrections and Behavioral Science.**

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PSYCHOLOGY (PS)

The program in psychology at Athens State College serves three related purposes. For students preparing for graduate study in psychology, the program seeks to establish an excellent foundation for a career in professional psychology. For the student preparing for education, business, law, medicine and other professions, psychology provides important basic knowledge relevant to these fields. Finally, the study of psychology offers the student an opportunity for self-understanding and insight into the behavior of others.

The program in psychology is general in some respects and specialized in others. In its emphasis on acquisition of basic concepts and research skills, the program is general. It is specialized and unique in its treatment of specific areas of study not typically included in undergraduate psychology programs. The interdisciplinary programs in Behavioral Science and Personnel Psychology utilize the faculty resources of Business, Sociology and Psychology in an effort to combine those academic areas related to specific professions such as social work and personnel administration.

BACHELOR OF ARTS - PSYCHOLOGY

Program components for the Bachelor of Arts in Psychology include:

1. General academic requirements for the Bachelor of Arts degree
2. Approved minor
3. Major in psychology to consist of forty-five (45) quarter hours including the following courses:

General Psychology **or** PS 300 Contemporary Psychology
 PS 332 Child Psychology **or** PS 334 Adolescent Psychology
 PS 331 Social Psychology
 PS 341 Statistics in Behavioral Science
 PS 352 Abnormal Psychology
 PS 400 Experimental Psychology and Methodology for Behavioral Science
 PS 402 Seminar in Psychotherapy
 Ten (10) quarter hours electives in Psychology

BACHELOR OF SCIENCE - PSYCHOLOGY

Program components for the Bachelor of Science in Psychology include:

1. General academic requirements for the Bachelor of Science degree
2. Major in Psychology to consist of forty-five (45) quarter hours including the following courses:

General Psychology **or** PS 300 Contemporary Psychology
 PS 332 Child Psychology **or** PS 334 Adolescent Psychology
 PS 331 Social Psychology
 PS 341 Statistics in Behavioral Science
 PS 352 Abnormal Psychology
 PS 400 Experimental Psychology and Methodology for Behavioral Science
 PS 402 Seminar in Psychotherapy
 Ten (10) quarter hours electives in Psychology

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BACHELOR OF SCIENCE IN EDUCATION* MIDDLE SCHOOL PSYCHOLOGY

Program components for the Bachelor of Science in Education (Middle School) include:

1. General academic requirements for the Bachelor of Science in Education.
2. Professional education requirements
3. Major requirements (two majors required). The major in Psychology consists of forty-five (45) quarter hours including the following courses:

General Psychology **or** PS 300 Contemporary Psychology
 PS 330 Educational Psychology
 PS 331 Social Psychology
 PS 341 Statistics in Behavioral Science
 PS 352 Abnormal Psychology
 PS 400 Experimental Psychology and Methodology for Behavioral Science
 PS 402 Seminar in Psychotherapy
 SS 300 Principles of Social Science
 Five (5) quarter hours electives in Psychology

BACHELOR OF SCIENCE IN EDUCATION HIGH SCHOOL PSYCHOLOGY

Program components for the Bachelor of Science in Education (High School) include:

1. General academic requirements for the Bachelor of Science in Education.
2. Professional education requirements
3. Major requirements (two majors required). The major in Psychology consists of forty-five (45) quarter hours including the following courses:

General Psychology **or** PS 300 Contemporary Psychology

PS 332 Child Psychology **or** PS 330 Educational Psychology (Student must complete the course not selected in the Professional Education requirements)

PS 331 Social Psychology

PS 341 Statistics in Behavioral Science

PS 352 Abnormal Psychology

PS 400 Experimental Psychology and Methodology for Behavioral Science

PS 402 Seminar in Psychotherapy

SS 300 Principles of Social Science

Five (5) quarter hours electives in Psychology

(See page 28 of this catalog for core requirements for Bachelor of Science in Education.)

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BACHELOR OF SCIENCE IN BEHAVIORAL SCIENCE

The Bachelor of Science in Behavioral Science is an interdisciplinary program emphasizing both the sociological and psychological concepts relative to the development and functioning of the individual in contemporary society. The purpose of this degree is to prepare students for work in the human resource field or for graduate study in Sociology, Psychology or Social Work.

Program components for the Bachelor of Science in Behavioral Science include:

1. General academic requirements for the Bachelor of Science degree to include Science (ten (10) quarter hours), Biological Science (Five (5) quarter hours) **plus** Human Anatomy and Physiology or Human Genetics (five (5) quarter hours)
2. Interdisciplinary major: forty-five (45) quarter hours in psychology and forty-five (45) quarter hours in sociology **plus** PS/SO 341 Statistics in Behavioral Science

Psychology

General Psychology **or** PS 300 Contemporary Psychology

PS 331 Social Psychology

PS 332 Child Psychology **or** PS 334 Adolescent Psychology

PS 352 Abnormal Psychology

PS 400 Experimental Psychology and Methodology for Behavioral Science

Twenty (20) quarter hours electives in Psychology

Sociology

Introduction to Sociology

SO 312 Minority Group Relations **or** SO 314 Population Study

SO/PS 341 Statistics in Behavioral Science

SO 360 Contemporary American Family **or** SO 350 Concepts of Justice

SO 361 Social Analysis **or** SO 452 Advanced Criminology

SO 362 Deviant Social Behavior

Twenty (20) quarter hours electives in Sociology

PS/SO 341 Statistics in Behavioral Science

PERSONNEL PSYCHOLOGY

Psychology and Business offer an interdisciplinary major program in Personnel Psychology leading to the Bachelor of Science degree. Each of the participating academic divisions contributes faculty resources. The objective of this program is to provide broad professional competence for positions in business, industry, government and human resource fields as well as preparation for graduate study in psychology, business and related areas. A student planning to pursue graduate study is advised to supplement the interdisciplinary major with elective courses in the anticipated area of graduate study.

Program components for Personnel Psychology include:

1. General academic requirements for the Bachelor of Science degree
2. Interdisciplinary major composed of thirty (30) quarter hours in psychology and thirty (30) quarter hours in business plus five (5) quarter hours in either Behavioral Science or Business Statistics
3. Practicum option

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Psychology

General Psychology **or** PS 300 Contemporary Psychology

PS 331 Social Psychology

PS 335 Adult Psychology

PS 352 Abnormal Psychology

PS 368 Industrial and Personnel Psychology

PS 461 Tests and Measurements

Business

BU 311 Legal Aspects of Business I

EC/SS 310 Basic Economics

MG 346 Management and Organization

MG 349 Personnel Management

MG 410 Labor Law and Legislation

MG 420 Business Policy

BU 305 Statistical Methods of Business **or** PS 341 Statistics in Behavioral Science

Practicum Option

With approval of the advisor, a student may elect to take PS 470/471 Practicum in Psychology for five (5) to ten (10) quarter hours of credit.

MINOR

The requirements for a minor in Psychology are as follows: Thirty (30) quarter hours including General Psychology or PS 300 Contemporary Psychology and PS 352 Abnormal Psychology.

PSYCHOLOGY (PS) COURSES

PS 300 Contemporary Psychology. A consideration of the major areas of contemporary psychology and an analysis of the representative theories and systems for understanding and interpreting behavior. 5 quarter hours

PS 330 Educational Psychology. Application of psychological concepts and principles to classroom teaching and learning especially in the areas of motivation, individual differences, adjustment, and teacher-student interaction. 5 quarter hours

PS 331 Social Psychology. The relationship of the individual to social systems with special preference to the socialization process, group dynamics, social conflict, and person perception. The course includes a brief introduction to methods of research. 5 quarter hours

PS 332 Child Psychology. A study of the physical, mental, social and emotional development of the child. 5 quarter hours

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PS 334 Adolescent Psychology. Biological, psychological and sociological perspectives with consideration of major theoretical approaches to adolescent development, development of cognitive processes, social attachments, sexual differences, emotional development, values and moral attitudes. 5 quarter hours

PS 335 Adult Psychology. Examines the scope of adult psychology to include physical and intellectual development, personality and social development, the family and vocational development during young adulthood, the middle years, and retirement. 5 quarter hours

PS 336 Learning Theories. A survey of research and experiments in learning and related growth of the major theories of learning. 5 quarter hours

PS 341 Statistics in Behavioral Science. Planning and conduct of behavioral science research with emphasis upon elementary statistical analysis of behavioral science data. Prerequisite: PS or SO majors or minors or permission. Also listed as SO 341. 5 quarter hours

PS 352 Abnormal Psychology. A close consideration of the biological, biochemical, genetic, psychological, and psychosocial factors in behavior pathology. Issues of diagnosis, prognosis, and treatment will be studied. 5 quarter hours

PS 368 Industrial and Personnel Psychology. The application of psychology to industrial organization. Areas of consideration include morale and group processes, supervisory leadership, selection and placement, training, motivation, fatigue, accidents, interviewing, and industrial counseling. Also listed as BU 368 . 5 quarter hours

PS 370 Behavior Modification. A study of the application of learning theory in changing human behavior. The course explores principles of learning and application of techniques designed to modify human behavior in a variety of settings. 5 quarter hours

PS/SO 400 Experimental Psychology and Methodology for Behavioral Science. An introductory course in experimental methods and procedures in psychology and sociology. The course includes such areas as perception, sensation, cognition, emotion, language, learning and social processes. A laboratory and lecture course. Prerequisites: Psychology or Sociology majors or minors and PS/SO 341 Statistics in Behavioral Science. Also listed as SO 400. 5 quarter hours

PS 402 Seminar In Psychotherapy. An introduction in personality theory and the techniques of counseling and psychotherapy. An approach to psychotherapy and psychotherapeutic techniques will be emphasized within which various schools of thought can be considered in terms of a common framework. Prerequisite: PS 352 Abnormal Psychology. 5 quarter hours

PS 403 Seminar in Parapsychology. A study of the phenomena associated with extra-sensory perception, psychokinesis, unexplained events and related topics. 5 quarter hours

PS 404 Drug Dependence. The basic pharmacological and psychological variables in the problem and treatment of drug dependence. 5 quarter hours

PS 405 Biofeedback. Basic principles of biofeedback with emphasis on clinical and research applications. Laboratory included. 5 quarter hours

PS 406 Physiological Psychology. A study of the relationships between physiological functions, especially those of the nervous system, and psychological functions, with special reference to perception, emotion, motivation, learning, vision, audition, taste and olfaction, sleep and dreaming. Lecture, discussion and laboratory research. 5 quarter hours

PS 408 Psychology of Criminal Behavior. Personality and psychological factors in criminal behavior with special reference to behavior systems and types of criminal behavior, the psychology of treatment and control; societal values and community factors. Prerequisite: PS 352 5 quarter hours

PS 460 Special Studies in Psychology. Research and exploration in areas not included in other course offerings. 1 to 5 quarter hours

PS 461 Tests and Measurements. Principles and procedures of measurement and evaluation to include consideration of effective evaluative methods, construction of classroom tests and use of standardized tests. 5 quarter hours

PS 470, 471 Practicum in Psychology. Provides supervised experiences in appropriate community agencies, institutions, industrial or research settings. The course includes a weekly seminar with discussion and evaluation of experiences in the field. 5 quarter hours

SOCIOLOGY

The purpose of the Sociology program is to develop in the student an awareness of the social influences upon human behavior and of the influence that individuals have upon the groups with which they interact. Study in this discipline should prepare the individual to perform social service functions in the community. Careers related to this function include social welfare work, counseling in mental health centers, hospitals or other service agencies, teaching, probation/parole, and other similar roles.

The student selecting a major in Sociology should complete the following courses in the transfer program during the first two years of study:

Biological Sciences

Introduction to Sociology

History

Human Anatomy and Physiology **or** Human Genetics **or** Human Sexuality

The Bachelor of Arts or the Bachelor of Science in Sociology consists of forty-five (45) quarter hours including the following:

SO 312 Minority Group Relations **or** SO 314

Population Study

5 quarter hours

SO 341 Statistics in Behavioral Sciences

5 quarter hours

SO 350 Concepts of Justice **or** SO 360 The

Contemporary American Family

5 quarter hours

SO 361 Social Analysis **or** SO 452 Advanced

Criminology

5 quarter hours

SO 362 Deviant Social Behavior

5 quarter hours

SO 400 Experimental Psychology & Methodology for the

Behavioral Sciences

5 quarter hours

SO 461 Sociological Theories

5 quarter hours

In addition ten (10) quarter hours of Sociology electives.

A minor is required in the Bachelor of Arts program.

The student selecting a minor in Sociology should complete thirty (30) quarter hours including the following:

SO 312 Minority Group Relations

SO 341 Statistics in Behavioral Science

SO 362 Deviant Social Behavior

SO 461 Social Theories

In addition ten (10) quarter hours of Sociology electives.

SOCIOLOGY (SO) COURSES

SO/PH 300 Moral Values in Today's Society. See PH 300 for course description. 5 quarter hours

SO/PO/CJ 302 See course description under CJ 302. 5 quarter hours

SO 304 Sociology of Work. Consists of a sociological analysis of work in pre-industrial and industrial societies; a consideration of problems involved in the conceptual and empirical of occupations and professions; an examination of the process of professionalization, and the study of leisure and the social consequences of changes in occupations and professions.

5 quarter hours

SO 312 Minority Group Relations. Minority group contacts and conflicts with an emphasis upon negative prejudice and its effects upon minority group status in the United States.

5 quarter hours

SO 314 Population Study. The relationship of demographic factors to the social structure. Trends in fertility, mortality, population growth, distribution, migration, and composition.

5 quarter hours

SO 341 Statistics in Behavioral Science. The techniques of statistical analysis of behavioral science data. SO and PS majors and minors or permission. Also listed as PS 341.

5 quarter hours

SO/CJ/PO 350 Concepts of Justice. Designed to acquaint the student with historical and ethical background of the law and familiarize him with present day principles of law applicable to the student's everyday life. (Not a substitute for BU 311 or BU 312). Also listed as PO 350.

5 quarter hours

SO 351 Political Sociology. See PO 351 for course description.

5 quarter hours

SO 360 The Contemporary American Family. Study of the relationships of family structure to social organization. To understand the influence of change on family life styles in transition from patriarchal to equalitarian and the legal ramification of divorces, estates and wills.

5 quarter hours

SO 361 Social Analysis. Varieties of deviant behavior and social disorganization, facts and theories concerning their causes, nature, and control to develop a biological, psychological, religious and sociological base from which to investigate group behavior.

5 quarter hours

SO 362 Deviant Social Behavior. An in-depth examination of the social implication of labeling deviant behavior, its effects upon both the individual and society.

5 quarter hours

SO 363 Social Structure and Personality. An analysis of the relationship of the culture and individual behavior through social influences.

5 quarter hours

SO/PO 364 Civil Liberties. Designed for the non-lawyer, general social science student interested in balancing government interests (group rights) with individual rights across the broad American spectrum of social interrelations.

5 quarter hours

SO/PS 400 Experimental Psychology and Methodology for Behavioral Science. See PS 400 for course description.

5 quarter hours

SO 401 Adult Correction. See CJ 401 for course description.

5 quarter hours

SO 452 Advanced Criminology. Analysis of social causal process and theories by which individuals become criminals and evaluate the efforts of the effective criminal justice system in returning helpful, contributing citizens back to society. Historical and contemporary orientation.

5 quarter hours

Academic Divisions

- SO 453 Juvenile Delinquency.** An in-depth examination of juvenile delinquency with a sociological framework. Includes both a theoretical and practical emphasis. 5 quarter hours
- SO 460 Studies in Sociology.** Designed to examine selected topics from a sociological perspective. 5 quarter hours
- SO 461 Sociological Theories.** An historical examination of the theories and principles of social science. 5 quarter hours
- SO 464, 465 Seminar and Field Observation in Social Work.** This course will entail approximately six to eight hours of active field observation per week in cooperation with specific social work agencies in this area. A term paper will be required. (Course requires instructor's permission). 5 quarter hours each
- SO 471 Problems of the Aging.** A study of the aging process, the special problems encountered by the aging and by the institutions of society involved in the care of the aging. 5 quarter hours

CRIMINAL JUSTICE (CJ)

The Criminal Justice program is planned to present and enhance student opportunities offered by the criminal justice field relating to a wide area of professional involvement in criminal law-related institutions. These opportunities include professional roles in law enforcement including security positions in private industry and paralegal roles in the courts (trial aids and judicial administrative assistant) and in the area of correction (probation, parole, institutional planning reform pertinent to sentencing input and supervision.)

Prior to entering Athens State College it is recommended that the student complete the following courses:

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Government	10 quarter hours
Mathematics	5 quarter hours
Science (to include a computer science)	15 quarter hours
General Psychology	5 quarter hours
Introduction to Sociology	5 quarter hours
Speech	5 quarter hours
Law Enforcement	35 quarter hours
Humanities Elective	5 quarter hours

The core requirements at Athens State College are:

CJ 301 The Criminal Justice Process	5 quarter hours
CJ/PO/SO 302 Criminal Justice Courts	5 quarter hours
CJ 401 Adult Corrections	5 quarter hours
CJ/PS 408 Psychology of Criminal Behavior	5 quarter hours
MG 346 Management and Organization	5 quarter hours
PS 352 Abnormal Psychology	5 quarter hours
SO 452 Advanced Criminology	5 quarter hours

The student must also select one of the two concentrations on the following page to complete the core.

I. Administration of Justice

CJ/PO/SO 350 Concepts of Justice	5 quarter hours
EC 415 Managerial Finance	5 quarter hours
BU 305 Statistical Methods of Business	5 quarter hours
BU 311 Legal Aspects of Business	5 quarter hours
BU 312 Legal Aspects of Business II	5 quarter hours
MG 349 Personnel Management	5 quarter hours
MG 420 Business Policy	5 quarter hours
PO 360 Constitutional Law or CJ/PO/SO 364 Civil Liberties	5 quarter hours
BU/PO 358 Public Administration or BU 426 Government and Business	5 quarter hours
BU 356 Real Estate or BU 355 General Insurance	5 quarter hours

II. Corrections and Behavioral Science

PS/SO 341 Statistics in Behavioral Science	5 quarter hours
PS 331 Social Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
PS 370 Behavior Modification	5 quarter hours
SO 312 Minority Group Relations	5 quarter hours
SO 362 Deviant Social Behavior	5 quarter hours
CJ/PO/SO 364 Civil Liberties	5 quarter hours
SO 453 Juvenile Delinquency	5 quarter hours

CRIMINAL JUSTICE (CJ) COURSES

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CJ 301 The Criminal Justice Process. Competencies, presumptions and types of evidence, emphasis on rights and duties among participants in Criminal Justice system. 5 quarter hours

CJ/PO/SO 302 Criminal Justice Courts. Processes of civil and criminal justice from preliminaries to trial, to the point of final disposition, organization of the court, arraignment of the accused, pleas and motion, matters related to findings and sentence, and appellate review will be stressed. 5 quarter hours

CJ/PO/SO 350 See SO 350 for course description. 5 quarter hours

CJ 401 Adult Correction. Socioeconomic facets of crime and principles and practices of delinquency, probation and parole, interaction (environmental and attitudinal) of persons from sentencing to return to society will be stressed. 5 quarter hours

CJ 408 Psychology of Criminal Behavior. For course description see PS 408. 5 quarter hours

CJ 410 Advanced Criminal Investigation. Advanced study of new developments in the field of criminal identification systems and detection methods. Local action projects will be encouraged to implement improved policies, procedures, and practices in law enforcement agencies. 5 quarter hours

CJ 460 Directed Studies in Criminal Justice. Research and analyses of specific problems encountered in the criminal justice process. 5 quarter hours

PHYSICAL AND NATURAL SCIENCES

The course offerings of Physical and Natural Sciences are designed to prepare the student for entrance into the job market or for continuing education in professional or graduate school. Majors are offered in Biology, Chemistry, Mathematics, Physics and Scientific Technologies. The requirements of the major in each course of study are found at the beginning of each departmental listing of courses. Since science curricula require an extended sequence, the student majoring in this area should check carefully the academic requirements for the Bachelor of Science degree and the major chosen. It is imperative that students of science meet with a science teacher as soon as they make their determination to major in the area. The completion of all requirements for a major in any discipline within this area is a responsibility of the student.

In all major fields, special programs may be devised to fit specific student needs which may vary slightly from the published requirements. Under no circumstances, however, are alterations of degree programs permitted without prior consultation with advisors in the subject area concerned and permission by the academic area coordinator.

The sciences pursue an active research program. Science majors are strongly encouraged to participate with their professors in research. Many research contracts pay students for the time spent.

In addition to specific majors, interdepartmental majors are offered in Health Sciences and Technical Management. These programs and their requirements are presented at the end of the departmental listings.

BIOLOGY (BI)

The objective of the major in Biology is to provide the graduate with a comprehensive science education, encompassing standard academic courses in Biology, Chemistry, Mathematics and Physics. Courses and programs are structured to provide basic coursework applicable to (1) fields requiring a general preparation in Biology, (2) graduate and professional programs, (3) medical and related health fields, and (4) secondary school teaching.

Biology offers majors leading to the **Bachelor of Science degree** and to the **Bachelor of Science in Education degree**.

Both programs assume completion of the following Biology courses, or their equivalents, in the first two years of college work:

Principles of Biology	5 quarter hours
General Botany	5 quarter hours
General Zoology	5 quarter hours

Bachelor of Science Degree - Biology

Structured to prepare students for research and technical areas requiring a baccalaureate degree, this program is also designed to satisfy most graduate and/or professional school admission requirements. The major requires fifty-five (55) quarter hours in Biology to include:

Principles of Biology	5 quarter hours
General Botany	5 quarter hours
General Zoology	5 quarter hours
Cell Biology	5 quarter hours
Genetics	5 quarter hours
General Ecology	5 quarter hours
Invertebrate Zoology	5 quarter hours
Vertebrate Zoology	5 quarter hours
Plant Science I or Plant Science II	5 quarter hours
Ten (10) quarter hours of elective credit in Biology	

A thirty (30) quarter hour minor is required. Students are strongly advised to minor in Chemistry by taking, in addition to a full year of General Chemistry, a full year of Organic Chemistry. A two-quarter sequence in Calculus and Analytic Geometry and a full year of General Physics are also strongly recommended.

Pre-Medical, Pre-Dental and Paramedical Curricula

There is no nationally approved list of courses required in pre-medicine. Each school of medicine has its own specific requirements. Such schools, in general they indicate that they desire students who have: (1) a broad general education; (2) at least three years of college, preferably a Bachelor's degree; (3) a major in any field, according to the student's interest; and (4) basic science requirements, although not science courses that duplicate medical course work. The same is generally true for pre-dentistry.

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Students in pre-medical, pre-dental and other paramedical programs at Athens State College are advised to take courses leading to a B.S. degree in either Biology or Chemistry. If the student majors in Biology, a program of study tailored to meet specific recommendations of particular medical schools, etc., will be worked out for the student in consultation with the Academic Unit Coordinator.

Bachelor of Science in Education - Biology

Two teaching fields of forty (40) quarter hours in each, of which at least one-third of the coursework in each field is upper division coursework.

The required lower division Biology courses are: Principles of Biology, General Botany and General Zoology, **or** the upper division equivalency (BI 412 Invertebrate Zoology; BI 413 Vertebrate Zoology; BI 431 Plant Science I, and BI 432 Plant Science II), plus the following upper division courses:

BI 321 Environmental Studies or BI 403 General Ecology	5 quarter hours
BI 322 Evolution, Heredity and Human Affairs or BI 402 Genetics	5 quarter hours
BI 341 Biological Materials and Methods	3 quarter hours
BI 342 Bioscientific Terminology	2 quarter hours

and electives selected from among the following courses to establish a forty (40) quarter hour minimal Biology major:

BI 401 Cell Biology	5 quarter hours
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Academic Divisions

BI 412 Invertebrate Zoology	5 quarter hours
BI 413 Vertebrate Zoology	5 quarter hours
BI 431 Plant Science I	5 quarter hours
BI 432 Plant Science II	5 quarter hours

For core requirements for the Bachelor of Science in Education degree see page 28 of this catalog.

BIOLOGY (BI)

BI 311 Human Anatomy and Physiology I. A study of the structure and physiology of the human body with emphasis on the skeletal, muscular, circulatory and respiratory systems, stressing the importance of physical fitness and the capabilities of the human body in the maintenance of health. Required of HPER majors. Laboratory include. 5 quarter hours

BI 312 Human Anatomy and Physiology II. A continuation of BI 311, with emphasis on the digestive, excretory, nervous, reproductive and endocrine systems. Laboratory included. 5 quarter hours

BI 321 Environmental Studies. Presents biological and physical aspects of environmental problems, integrating current legal, economic, social and technical developments. 5 quarter hours

BI 322 Evolution, Heredity and Human Affairs. Presents an integrated total picture of humanity through details and examples of evolution, emphasizing the descent of man, reproduction as a mechanism for the transmission of heredity traits, and basic principles of inheritance. 5 quarter hours

BI 323 Fundamentals of Human Sexuality. A comprehensive and integrated approach to human sexuality emphasizing biological aspects. 5 quarter hours

BI 341 Biological Materials and Methods. Introduces the student to biological techniques, procedures, demonstration methods, projects, experiments, media production and material sources; required of Option II secondary education biology majors. Laboratory included. 3 quarter hours

BI 342 Bioscientific Terminology. Designed to familiarize the student with many scientific terms, and to enable one to make logical deductions about the precise meaning of "new words" through an understanding of their component parts. Required of Option II secondary education biology majors. 2 quarter hours

BI 343 Contemporary Biology. Examines the various possibilities at hand for manipulating our biological future - cloning, psychosurgery, delayed aging, test tube babies, artificial organs, gene splicing, artificial insemination, sex preselection, prenatal diagnosis of birth defects, etc. - and their social, legal and ethical impacts on society. 5 quarter hours

BI 401 Cell Biology. In-depth study of the structure and functions of living cells, emphasizing ultrastructure and fundamental physiological processes. 5 quarter hours

BI 402 Genetics. An introduction to the principles of heredity and variation. Laboratory included. 5 quarter hours

BI 403 General Ecology. Study of the interrelationships between living organisms and the relationships between organisms and their environment. Laboratory included. 5 quarter hours

BI 412 Invertebrate Zoology. Life histories and comparative studies of invertebrate organisms including the Protozoa, Porifera, Coelenterata, Platyhelminthes, Annelida, Mollusca Arthropoda, Echinodermata and Prochordates. Laboratory included. 5 quarter hours

BI 413 Vertebrate Zoology. Vertebrate structure and function with special emphasis on collection and identification of local aquatic and terrestrial vertebrates. Laboratory included. 5 quarter hours

BI 431 Plant Science I. A survey of lower plants (algae, bacteria, fungi, liverworts and mosses) with emphasis on taxonomy, morphology, physiology, ecology and genetics. Laboratory included. 5 quarter hours

BI 432 Plant Science II. A survey of higher plants (including ferns, conifers and flowering plants) with emphasis on taxonomy, morphology, physiology, ecology and genetics, and on collection and identification of the local flora. Laboratory included. 5 quarter hours

BI 451, 452, 453 Special Topics in Biology. To be offered on occasion of student demand or need. 5 quarter hours each

CHEMISTRY (CH)

A major in Chemistry under the Bachelor of Science - Chemistry.

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General Chemistry	15 quarter hours
Organic Chemistry	15 quarter hours
Analytical Chemistry	5 quarter hours
Physical Chemistry	15 quarter hours
Instrumental Analysis	5 quarter hours
Two senior level Chemistry courses or two electives in other science or technology (by permission only)	10 quarter hours
Basic or Fortran Programming	5 quarter hours
General Physics	15 quarter hours
Calculus and Analytic Geometry	10 quarter hours
Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours

A major in Chemistry under the Bachelor of Science in Education - Chemistry.

General Chemistry	15 quarter hours
Organic Chemistry	15 quarter hours
Analytical Chemistry	5 quarter hours
Physical Chemistry	5 quarter hours
Two senior level chemistry electives	10 quarter hours

A minor in Chemistry requires fifteen (15) quarter hours general chemistry and fifteen (15) quarter hours organic chemistry.

For core requirements for the Bachelor of Science in Education see page 28 of this catalog.

CHEMISTRY (CH)

CH 300 College Science Chemistry. A non-laboratory course presenting basic concepts of chemistry, geology, and meteorology. This course does not serve as a prerequisite for any other course in the sciences.

5 quarter hours

CH 303/304/305 Atomic and Molecular Chemistry. A study of atomic and molecular structure, chemical equilibrium, and analytical techniques. Laboratory includes Inorganic Qualitative Analysis and Classical Quantitative Analysis. This course is for science majors who have not satisfactorily completed general chemistry during their first two college years. Offered each summer.

5 quarter hours

CH 311/312/313 Organic Chemistry. A basic study of aliphatic and aromatic compounds, their properties, preparation and reactions with emphasis on theory and mechanisms of reaction. Laboratory includes organic qualitative analysis. Prerequisite: One year of college chemistry.

5 quarter hours

CH 324 Analytical Chemistry. Classical gravimetric and volumetric techniques in chemical analysis, modern methods of chemical separation.. Laboratory included. Prerequisite: One year of college chemistry.

5 quarter hours

CH 330/331/332 Physical Chemistry. An application of the laws and principles of physics and mathematics to the study of phenomena and concepts such as chemical thermodynamics, equilibria, kinetics and molecular structure. Laboratory included. Prerequisite: Intermediate Calculus.

5 quarter hours

CH 402 Inorganic Chemistry. A course dealing with topics of theoretical chemistry including the periodic table, stereo-chemistry, coordination chemistry and wave mechanics. Prerequisite: CH 330 or Permission.

5 quarter hours

CH 410/411 Instrumental Analysis. Theoretical and practical application of modern instrumentation to problems in analytical chemistry. Optical, electrochemical, and other instrumental techniques are covered. Laboratory included. Prerequisite: General Chemistry. Also listed as IT 410-411.

5 quarter hours each

CH 412 Intermediate Organic Chemistry. A study of advanced topics and complex substances of organic chemistry. Prerequisite: CH 313.

5 quarter hours

CH 413 Biochemistry. A study of proteins, carbohydrates, lipids and other important biochemical compounds and their metabolic functions. Enzyme reaction mechanisms and biological oxidations are included. Prerequisite: CH 312

5 quarter hours

CH 451/452/453 Special Topics in Chemistry. To be offered on occasion of student demand or need. Possible topic areas include spectroscopy, kinetics, photo-chemistry, elementary quantum mechanics and chemical technology.

1-5 quarter hours each

CH 471/472/473 Chemistry Seminar. Student presentations of written or oral reports of selected advanced topics. Prerequisite: Permission.

1 hour each

CH 475/476/477 Chemical Research. Selected research projects in the field of chemistry. Prerequisite: Permission.

5 quarter hours each

MATHEMATICS (MA)

Academic Divisions

A Major in Mathematics under the Bachelor of Science degree program

Pre—Calculus (or equivalent)	5 quarter hours
Analytic Geometry and Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
General Chemistry	15 quarter hours
General Physics	15 quarter hours
Basic of FORTRAN Programming	5 quarter hours

and five (5) courses (25 quarter hours) of mathematics electives at the upper division and an approved minor in one of the scientific fields.

A Major in Mathematics Under the Bachelor of Science in Education* Degree Program

Analytical Geometry and Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
Basic of FORTRAN Programming	5 quarter hours

plus four mathematics electives at the upper division (20 quarter hours)

A minor in Mathematics degree program requires thirty (30) quarter hours to include:

Calculus & Analytic Geometry	5 quarter hours
Intermediate Calculus	5 quarter hours
Differential Equations	5 quarter hours

For core requirements see page 28 of this catalog.

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MATHEMATICS (MA) COURSES

MA 300 Technical Mathematics. Provides techniques and applications of computational methods of elementary algebra, geometric concepts, and trigonometry essential for non-majors. 5 quarter hours

MA 301/302 Calculus and Analytic Geometry. Includes analytic geometry, differential and integral calculus. 5 quarter hours each

MA 303/304 Applied Calculus. Includes functions, the derivative, the integral, functions of several variables and multiple integrals with application to business, economics, biology and the social sciences. 5 quarter hours each

MA 305/306 Intermediate Calculus. These courses are a continuation of the MA 301-302 or 303-304 series above. 5 quarter hours each

MA 310 Linear Algebra. Introduction to vectors and vector spaces, linear transformations and matrices, determinants, systems of linear equations and applications. Prerequisite: College Algebra 5 quarter hours

MA 320 Modern Algebra. Number systems, group fundamental properties, introduction to rings, fields and ideals. Prerequisite: College Algebra. 5 quarter hours

MA 401 Complex Numbers and Functions. Introduction to functions of complex variables, complex numbers, elemental functions. Prerequisite: MA 306. 5 quarter hours

Academic Divisions

- MA 421 Differential Equation.** The fundamental types of elementary differential equations are studied with illustrative examples when applied to different fields. Introduction to Laplace transform. Prerequisite: MA 306
5 quarter hours
- MA 423 Numerical Analysis.** Introduction to numerical methods for interpolation, evaluating roots of polynomials, systems of equations, integration, differentiation, differential equations, and approximation and error. Computer Laboratory work is required. Prerequisite: MA 306
5 quarter hours
- MA 427 Applied Math.** Covers topics with practical problems which are important in the fields of science and engineering. Prerequisite: MA 306.
5 quarter hours
- MA 430/431 Theory of Statistics and Probability.** Considers measures of control tendency, measures of dispersion, comparison of distributions, correlation, probability, normal curves and sampling. Prerequisite: MA 306
5 quarter hours each
- MA 451/452/453 Special Topics in Mathematics.** Offered upon student demand or need.
5 quarter hours
- MA 460/461 Advanced Calculus.** Selected topics in vectors, functions of several variables, series, Fourier series, functions of complex variables, and partial differential equations. Prerequisite: MA 306
5 quarter hours each
- MA 480/481/482 Mathematics Seminar.** Offers independent studies in topics chosen either to extend investigation in fields already studied or to explore areas not covered by other advanced courses.
1 quarter hour each

PHYSICS (PY)

A Major In Physics Under the Bachelor of Science - Physics

General Physics	14-15 quarter hours
Electricity and Magnetism	10 quarter hours
Mechanics	10 quarter hours
Analytic Geometry and Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
General Chemistry	15 quarter hours
Upper Division Physics Electives	20 quarter hours
Electricity and Magnetism	10 quarter hours
Upper Division Physics electives	10 quarter hours

A minor in Physics requires 30 quarter hours of physics.

PHYSICS (PY) COURSES

PY 300 College Science Physics. A non-laboratory course presenting basic concepts of physics, astronomy, and geology. This course does not serve as a prerequisite for any other course in the science.
5 quarter hours

PY 301/302/303 Physics. An introduction to the principles of mechanics, heat, sound, electricity, magnetism and light. Laboratory included.

5 quarter hours

PY 311/312 Electricity and Magnetism. The theory of electromagnetic fields and waves as developed from the basic experimental laws. Application of these theories is made to d.c. and a.c. circuits. Emphasis is placed upon techniques of problem solving. Prerequisite: One year of physics and intermediate calculus. Differential Equations (May be Concurrent)

5 quarter hours

PY 313/314 Mechanics. A study of the laws and principles of statics, dynamics, vectors, torques, conditions for equilibrium and moments of inertia. The solution of many problems is required. Prerequisite: One year of physics and intermediate calculus.

5 quarter hours each

PY 322 Optics. A course dealing with the theories and nature of light and its propagation. Prerequisite: One year of physics and intermediate calculus. Differential Equations, PY 311 and PY 312 are recommended.

5 quarter hours

PY 411 Heat and Thermodynamics. A study of calorimetry, equations of state, heat transfer and the laws of thermodynamics. Prerequisite: One year of physics and intermediate calculus.

5 quarter hours

PY 412 Modern Physics. A course in the electronic structure of the atom including the nature of matter, electromagnetic radiations, x-rays, and crystal structure. Prerequisite: PY 311 and 312 or equivalent.

5 quarter hours

PY 414 Nuclear Physics. The structure of the atomic nucleus, isotopes, natural radioactivity, the laws of radioactive transformation, transmutation, nuclear reactions and nuclear structure. Prerequisite: PY 412 or equivalent.

5 quarter hours

PY 420 Problems in Theoretical Physics. Prerequisite: One year of physics and MA 421.

5 quarter hours

PY 451/452/453 Special Topics in Physics. To be offered on occasion of student demand and need. Possible topic areas include holography, quantum mechanics, solid state, and particle physics.

1-5 quarter hours each

PY 460 Independent Study and Research. (Honors Only) 1-5 quarter hours

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INTERDEPARTMENTAL MAJORS

HEALTH SCIENCES

Athens State College believes that the medical sciences should be augmented with general studies. The close contact that members of the medical professions have with other individuals and the concomitant need for understanding and relating to these individuals as unique human beings are bases for the liberal arts program.

The Bachelor of Science degree with a major in the Health Sciences is a two-year program of study offered to Registered Nurses and students certified in other para-medical field.

The following credentials will be required and should be submitted to Athens State College:

1. a transcript of the school of nursing record,
2. evidence of RN licensure, and
3. application materials normally required of all entering students.

College work taken in addition to the school of nursing requirements will be evaluated on its own merit for advanced standing and transfer credit. Course work taken at an accredited college or university as part of the school of nursing requirements will be evaluated for advanced standing.

The programs in Health Sciences are composed of two parts: Basic requirements and Core Curriculum.

The Basic Requirements are common to all Bachelor of Science programs.

The core curriculum further requires an academic major in one of the regular departments. The chosen major for the B.S. degree in Health Sciences may be satisfied by meeting the credits specified within that department for the major in the B.S. in Education program. If the chosen department does not specify a major for the B.S. in Education program, forty (40) quarter hours in that department will satisfy the requirements. No less than ninety-six (96) quarter hours of academic subject matter, in addition to the nursing school courses, are required for these programs.

Similar programs can be tailored to the needs of the student who has been certified in one of the para-medical fields such as dental hygiene, medical records, medical technology, health physicist, animal health technology and similar related health associated degree.

The Bachelor of Science in Education degree in General Science requires a single comprehensive teaching field in science, consisting of 80 quarter hours of coursework, at least one-third of which must be upper division coursework, with no less than 20 quarter hours in each of the following areas: (1) biology, (2) chemistry, (3) physics, and (4) earth and space science.

Biology courses required for this degree include Principles of Biology, General Botany and General Zoology, 5 quarter hours each, or the upper division equivalency (BI 412 Invertebrate Zoology, BI 413 Vertebrate Zoology, BI 431 Plant Science I and BI 432 Plant Science II), plus one biology elective selected from among the following courses:

BI 322 Evolution, Heredity or Human Affairs	5 quarter hours
BI 402 Genetics	5 quarter hours
BI 403 General Ecology	5 quarter hours

Chemistry courses required for this degree include General Chemistry (15 quarter hours) plus one chemistry elective selected from among the following courses:

CH 311 Organic Chemistry	5 quarter hours
CH 312 Organic Chemistry	5 quarter hours
CH 324 Analytical Chemistry	5 quarter hours

Physics courses required for this degree include General Physics (15 quarter hours) plus one physics elective selected from among the following:

PY 311, 312 Electricity and Magnetism	5 quarter hours each
PY 313, 314 Mechanics	5 quarter hours each

Earth and Space Science courses required for this degree include:

BI 321 Environmental Studies	5 quarter hours
GS 300 Astronomy	5 quarter hours
GS 301 Atmospheric and Space Science	5 quarter hours
GS 302 Geology	5 quarter hours

Mathematics courses required for this degree include 10 quarter hours of Calculus.

GS 300 Astronomy. Designed to help the student gain an understanding of how the astronomer studies his subject and to appreciate the grandeur of the universe. Emphasis on the methods of astronomy, the solar system, stars and galaxies and covering the topics of relativity and extraterrestrial life. No prior background in science required. 5 quarter hours

GS 301 Atmospheric and Space Science. Provides the student with physical explanations of atmospheric, including meteorological, phenomena, and explores possible opportunities for the future and worthwhile human purposes made possible or significantly aided by rockets, satellites, and space probes. No prerequisites: 5 quarter hours

GS 302 Geology. An introduction to the materials that make up the visible earth and to the various processes responsible for wearing down and shaping to landscape, including an analysis of environmental issues which relate this science to human activities. No prerequisite. 5 quarter hours

TECHNOLOGIES

The Department of Scientific Technologies is a multi-discipline department which deals with the theory and practical applications of modern technologies. The primary areas of concentration are in Instrumentation and Nondestructive Testing and Technical Management. The following concentrations are available: Instrumentation Technology, Nondestructive Testing Technology, Instrumentation Science, Nondestructive Testing Science and Technical Management Science. The required courses for obtaining a Bachelor of Science degree in Instrumentation Technology are:

Instrumentation Technology:

Analog Electronics and Instrumentation	5 quarter hours
Digital Electronics and Instrumentation	5 quarter hours
Electro-optics	5 quarter hours
Interfacing Fundamentals	5 quarter hours
Microprocessor Technology	5 quarter hours
Advanced Analog Electronics	5 quarter hours
Calculus & Analytical Geometry	10 quarter hours
Chemistry or Physics	15 quarter hours
IT Electives	15 quarter hours

Nondestructive Testing Technology:

Principles of Materials Technology	10 quarter hours
Principles of Radiographic Testing I	5 quarter hours
Principles of Ultrasonic Testing	5 quarter hours
Advanced NDT Concepts	5 quarter hours
Principles of Surface Inspection Techniques	5 quarter hours
Radiographic Testing II	5 quarter hours

Academic Divisions

Principles of Leak Testing	5 quarter hours
Eddy Current Testing	5 quarter hours
NT Electives	10 quarter hours
Analog Electronics and Instrumentation	5 quarter hours
Digital Electronics and Instrumentation	5 quarter hours
Physics	15 quarter hours
Calculus and Analytical Geometry	10 quarter hours

INSTRUMENTATION SCIENCE (IT) AND NONDESTRUCTIVE TESTING SCIENCE (NT)

Those students who are interested in continuing their education beyond the Baccalaureate degree and who enroll in a scientific or engineering graduate program should complete only programs which lead to a Bachelor of Science degree in Instrumentation Science or Nondestructive Testing Science. In addition to the previously listed core courses, these students should complete:

Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
Upper Level Chemistry	5 quarter hours
Upper Level Physics	5 quarter hours
Electronic Materials Technology (IT only)	5 quarter hours

The following minors are available in technology.

Instrumentation

Analog Electronics & Instrumentation	5 quarter hours
Digital Electronics & Instrumentation	5 quarter hours
Microprocessor Technology	5 quarter hours
Instrumental Analysis	5 quarter hours
Two Electives	10 quarter hours

Computer Science

BASIC Programming	5 quarter hours
COBOL Programming	5 quarter hours
COBOL Programming I	5 quarter hours
COBOL Programming II	5 quarter hours
FORTRAN Programming	5 quarter hours
Computer Science Electives	10 quarter hours

Nondestructive Testing

Intro. to Nondestructive Testing	5 quarter hours
Intro. to Materials Technology I & II	10 quarter hours
Principles of Surface Inspection Tech.	5 quarter hours
Principles of Radiographic Testing I & II	10 quarter hours
Nondestructive Testing Electives	10 quarter hours

INSTRUMENTATION (IT)

IT 301 Analog Electronics and Instrumentation. Lecture and laboratory sequence covers analog electronics in terms of basic principles, operational amplifiers, and applications to scientific and industrial instrumentation systems. Includes laboratory. 7 quarter hours

IT 303 Digital Electronics and Instrumentation. Lecture and laboratory sequence provides basics of digital circuits, their applications, and their interfacing with analog instruments. Includes laboratory. 7 quarter hours

IT 310 Microprocessor Technology. Covers structure, programming, theory, and applications of microprocessors. Introduces microcomputers for automatic control. 5 quarter hours

IT 315 Instrument Maintenance and Repair. Illustrates theory and practice of maintenance and repair. covers servo systems, solid state, and electron tube components and circuits. Laboratory included. 5 quarter hours

IT 400 Advanced Analog Instrumentation. Theoretical analysis of modern networks using operational amplifiers, analog filters, and practical circuits for communications and data acquisition systems. Laboratory included. Prerequisite: Calculus. 5 quarter hours

IT 401 Introduction to Computer Instrumentation and Communications. Survey course on modern computers, their architecture and peripherals. Illustrates functional breakdown of systems and their applications. Knowledge of programming is useful but not required. 5 quarter hours

IT 402 Interfacing Fundamentals. Provides necessary background to interface analog instruments to digital systems including computers. Emphasizes A/C and D/C circuits and their utility as interface elements. Laboratory included. 5 quarter hours

IT 410 Instrumental Analysis. Theoretical and practical application of modern instrumentation to problems in analytical chemistry, applied chemistry and physics. Optical, electronic, chromatographic and electrochemical techniques are included. Laboratory included. Also listed as CH 410-411. 5 quarter hours each

IT 416 Applied Digital Electronics. Designed to acquaint students with the theory and applications of digital electronics. Offers investigative opportunity for the student to explore his own creativeness in digital design and applications. More advanced than IT 303. Laboratory included. 5 quarter hours

IT 420 Electro-Optics. Emphasizes the latest technology in laser systems, light detection and displays, and applications. Optics helpful, but not required. Laboratory included. 5 quarter hours

IT 430 Electronic Materials Technology. Covers solid state theory and applications, theoretical analysis of semiconductors and phytoactivated devices. Prerequisites: Calculus and Differential Equations 5 quarter hours

IT 440 Process Control Instrumentation. Provides an in-depth analysis of process control fundamentals, transducers and instrumentation. Laboratory included. 5 quarter hours

IT 451/452/453 Special Topics in Instrumentation Technology. Offered upon student demand or need. 5 quarter hours each

NONDESTRUCTIVE TESTING (NT)

- NT 300 Introduction to Nondestructive Testing.** Presents an overview on the need for NDT and the major techniques used in NDT. Also provides an introduction to welding and other metal joining techniques. 5 quarter hours
- NT 302-3 Introduction to Materials Technology.** Properties of materials, with emphasis on construction materials. Includes alloys, welds, beams, forgings and castings. Laboratory included. 5 quarter hours
- NT 305 Principles of Surface Inspection Techniques.** Lecture and laboratory instruction of the basics in eddy current testing, magnetic and penetrant testing. 5 quarter hours
- NT 310-11 Principles of Radiographic Testing.** Radiographic safety, sources, and equipment. Also covered is the fundamental requirements for photographic radiography. Laboratory included. 5 quarter hours each
- NT 401 Interpretation of Codes and Specifications.** Provides basic understanding of codes generated by the various groups such as ANSI and ASME. Blueprint reading specifications comprehension, writing of NDT procedures also covered. 5 quarter hours
- NT 420-421 Principles of Ultrasonic Testing.** Theory of sound, generation and propagation of ultrasound, systems and test methods. NT 321 required with this course. Laboratory included. Prerequisites: Calculus, Physics, and Analog Electronics. 5 quarter hours each
- NT 430 Advanced Nondestructive Testing Concepts.** Provides basic instruction in acoustic emission, holography, acoustical holographic NDT, infrared imaging, and other advanced concepts. 5 quarter hours
- NT 440 Eddy Current Testing.** Provides an introduction to electromagnetic induction phenomena and how principles can be employed to perform non-destructive tests, such as crack detection, thickness measurement, material identification, and heat treat verification. Includes laboratory. Prerequisites: Calculus, Physics and Analog Electronics. 5 quarter hours
- NT 450 Principles of Leak Testing.** Introduces concepts of fluid flow, vacuum science, mass spectrometry, and their applications in leak testing. Laboratory included. 5 quarter hours
- NT 451/452/453 Special Topics in Nondestructive Testing.** Offered on demand or student need. 5 quarter hours each

COMPUTER SCIENCE (CS)

- BU/CS 301 Basic Programming.** Introduction to computing for scientific business and social science students who have limited or no previous knowledge of computer programming concepts. Includes: fundamentals of programming and basic language. 5 quarter hours
- CS 305 Computer Science Programming in RPG.** Introduces the uses of the RPG language to solve many business and data processing programs. Emphasis is upon the programming language and its applications. Prerequisite: CS 301. 5 quarter hours

CS 320-1 Computer Science Programming in COBOL I & II. Introduces computer applications in business and economics. Emphasis is upon the use of the COBOL programming language for data processing and business modeling examples. 5 quarter hours each

CS 330 Computer Science Programming in FORTRAN. Introduction to the concepts of algorithms, program construction, and the use of FORTRAN language in both numerical and non-numerical applications. 5 quarter hours

CS 340 Assembly Language Programming. Extends programming concepts to machine level using assemblers, macros, and other software aids. Prerequisites: CS 330 or IT 310. 5 quarter hours

CS 430 Advanced Business Applications. Develops advanced techniques in COBOL, FORTRAN, and Assembler to provide in-depth analysis for simulations, modeling, business statistics, and large data networks. Uses structured programming techniques and software engineering concepts. Prerequisites: CS 320, 321, 330, and 340. 5 quarter hours

CS 451, 452, 453 Special Topics in Computer Science. Topics which may be covered are information structures, data base management systems, and elements of information theory. Prerequisites: CS 320, 321, and 330. 5 quarter hours each

SCIENCE COURSES FOR THE NON-SCIENCE MAJOR

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Ordinarily these courses may not be taken for credit toward a science major or minor.

GS 307 Small Computers for Business and Personal Use. The evolving technology in microcomputer systems will enable more laymen to become computer users in the near future. This course develops the concepts required for users of small computer systems for non-technical individuals. 5 quarter hours

BI 321 Environmental Studies. Presents physical, biological, economic, and sociological aspects of environmental pollution. 5 quarter hours

BI 322 Evolution, Heredity and Human Affairs. Presents an integrated, total picture of humanity through details and examples of evolution, emphasizing the descent of man, reproduction as a mechanism for the transmission of hereditary traits, and basic principles of inheritance. 5 quarter hours

BI 323 Fundamentals of Human Sexuality. A comprehensive and integrated approach to human sexuality emphasizing biological, sociological and psychological aspects. 5 quarter hours

CH 300 College Science Chemistry. A non-laboratory course presenting basic concepts of chemistry, geology, and meteorology. This course does not serve as a prerequisite for any other course in the sciences. 5 quarter hours

PY 300 College Science Physics. A non-laboratory course presenting basic concepts of physics, astronomy, and geology. This course does not serve as a prerequisite for any other course in the sciences. 5 quarter hours

TECHNICAL MANAGEMENT

Athens State College offers to interested students a Bachelor of Science degree with a major in Technical Management. The degree consists of a minimal major in Biology, Chemistry, Mathematics, Physics, or a Scientific Technology and a core curriculum in Business Administration.

All programs have the following course requirements:

1. Specific general education requirements for the Bachelor of Science degree.
2.

Principles of Economics	10 quarter hours
Principles of Accounting	10 quarter hours
Management and Organization	5 quarter hours
Statistics in Business	5 quarter hours
Legal Aspects of Business	5 quarter hours
Managerial Finance	5 quarter hours
 Mathematics and Science Courses:	
Calculus and Analytic Geometry	10 quarter hours
*General Chemistry	15 quarter hours
*Physics	15 quarter hours
Basic or FORTRAN Programming	5 quarter hours

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A student must complete one of the following concentrations.

BIOLOGY

General Biology	15 quarter hours
Cell Biology	5 quarter hours
General Ecology	5 quarter hours
Genetics	5 quarter hours
Biology electives	10 quarter hours

CHEMISTRY

Organic Chemistry	15 quarter hours
Analytical Chemistry	5 quarter hours
Physical Chemistry	5 quarter hours
Chemistry Electives	10 quarter hours

MATHEMATICS

Intermediate Calculus	10 quarter hours
Mathematics Electives	20 quarter hours

PHYSICS

Intermediate Calculus	10 quarter hours
Physics Electives	30 quarter hours

SCIENTIFIC TECHNOLOGIES*

Academic Divisions

(A choice of the following concentrations)

INSTRUMENTATION

Eight 5 hour courses 40 quarter hours

NONDESTRUCTIVE TESTING

Eight 5 hour courses 40 quarter hours

COMPUTER SCIENCE

COBOL Programming I & II 10 quarter hours

FORTRAN Programming 5 quarter hours

Assembly Language Programming 5 quarter hours

Prog. Applications in RPG 5 quarter hours

Advanced Business Applications 5 quarter hours

Two approved Computer Science Courses 10 quarter hours

*For the SCIENTIFIC TECHNOLOGIES OPTION, either General Chemistry or General Physics is required.

DEPARTMENT OF PHYSICAL EDUCATION, RECREATION, AND INTRAMURALS

The Department of Physical Education, Recreation, and Intramurals offers programs to meet specific student, faculty, staff, and community needs. These programs include courses of study in the areas of General Studies, Professional Education, Health-Related Fitness/Recreation and Intramurals.

General Studies

The activity courses (PE 300-313) and PE 352 are open to all students of the college. These courses are designed to meet general education requirements as well as to enhance fitness and to provide personal enrichment.

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Professional Education

Students majoring in physical education should complete the General Studies courses, meet requirements for admission to Teacher Education as specified in the Bachelor of Science in Education Program, and complete the courses in Physical Education designated to meet certification requirements. See page 28 of this catalog for core requirements.

Physical Education Requirements for N-12 Certification

Emergency First Aid 5 quarter hours

Introduction to Physical Education 5 quarter hours

Personal and Community Health 5 quarter hours

Physical Education Activity 5 quarter hours

PE 320 Analysis of Team Sports 3 quarter hours

PE 321 Analysis of Gym/Track/Field 3 quarter hours

PE 322 Analysis of Individual Sports 3 quarter hours

PE 323 Analysis of Rhythms and Aquatics 3 quarter hours

PE 325 Kinesiology 5 quarter hours

PE 326 History and Principles of Physical Education 5 quarter hours

PE 327 Physiology of Exercise 5 quarter hours

PE 333 Care and Prevention of Athletic Injuries 3 quarter hours

PE 350 Physical Education for Exceptional Child 5 quarter hours

PE 400 Organization and Administration of Physical Education 5 quarter hours

Academic Divisions

PE 401 Measurement and Evaluation of Physical Education	5 quarter hours
PE 430 Material/Methods of Teaching Physical Education in Elementary School	5 quarter hours
ED 488 Internship N-12	15 quarter hours

Physical Education Requirements for Middle/Junior High School Certification

Introduction to Physical Education	5 quarter hours
Personal and Community Health	5 quarter hours
Emergency First Aid	5 quarter hours
Physical Education Activity	5 quarter hours
PE 320 Analysis of Team Sports	3 quarter hours
PE 321 Analysis of Gym/Track/Field	3 quarter hours
PE 322 Analysis of Individual Sports	3 quarter hours
PE 323 Analysis of Rhythms and Aquatics	3 quarter hours
PE 325 Kinesiology	5 quarter hours
PE 326 History and Principles of Physical Education	5 quarter hours
PE 333 Care and Prevention of Athletic Injuries	3 quarter hours
PE 400 Organization and Administration of Physical Education	5 quarter hours
*PE 401 Measurement & Evaluation Physical Education	5 quarter hours
*PE 440 Methods and Materials Teaching Physical Education	5 quarter hours

Physical Education Requirements for High School Certification

Introduction to Physical Education	5 quarter hours
Personal and Community Health	5 quarter hours
Emergency First Aid	5 quarter hours
Physical Education Activity	5 quarter hours
PE 320 Analysis of Team Sports	3 quarter hours
PE 321 Analysis of Gym/Track/Field	3 quarter hours
PE 322 Analysis of Individual Sports	3 quarter hours
PE 323 Analysis of Rhythms and Aquatics	3 quarter hours
PE 325 Kinesiology	5 quarter hours
PE 326 History and Principles of Physical Education	5 quarter hours
PE 333 Care and Prevention of Athletic Injuries	3 quarter hours
PE 400 Organization and Administration of Physical Education	5 quarter hours
*PE 401 Measurement and Evaluation Physical Education	5 quarter hours
*PE 440 Methods & Materials Teaching Physical Education	5 quarter hours

Minor in Physical Education - Bachelor of Science Degree

PE 320 Analysis of Team Sports	3 quarter hours
PE 321 Analysis of Gym/Track/Field	3 quarter hours
PE 322 Analysis of Individual Sports	3 quarter hours
PE 323 Analysis of Rhythms and Aquatics	3 quarter hours
PE 326 History and Principles of Physical Education	5 quarter hours
PE 352 Basic CPR and Instructors	3 quarter hours
PE 400 Organization & Administration of Physical Education	5 quarter hours
PE 402 School and Community Recreation	5 quarter hours

Health Related Fitness/Recreation and Intramurals

The department provides an opportunity for students, faculty, staff, and community to participate in a wide variety of physical activities through the Campus Recreation and Intramural Program.

*These courses taken in lieu of ED 431 and PS 461.

PHYSICAL EDUCATION (PE) COURSES

PE 320 Analysis of Team Sports. A competency-based course dealing with analysis of the movement involved in the performance of various specified team sports. Practical experiences in conditioning, drills used to improve performance, and strategies of the games are included. 3 quarter hours

PE 321 Analysis of Gymnastics/Track/Field. A competency-based course dealing with the analysis of movement involved in the performance of gymnastics and track/field. Practical experiences in conditioning, drills used to improve performance, and strategies used in competition are included.

3 quarter hours

PE 322 Analysis of Individual Sports. A competency-based course dealing with the analysis of movement involved in the performance of badminton, golf, and tennis skills. Practical experiences in conditioning, skill improvement, and strategies used in playing each sport are included.

3 quarter hours

PE 323 Analysis of Rhythms and Aquatics. A competency-based course dealing with the analysis of movement involved in the performance of rhythms and aquatics activities. Practical experiences in conditioning, skill improvement, and movement analysis are included.

3 quarter hours

PE 325 Kinesiology. Anatomical, mechanical, and functional aspects of human movement are studied with emphasis upon analysis of joint actions, mechanical principles, and laws of motion as they apply to efficient movement. Prerequisite: Anatomy and Physiology.

5 quarter hours

PE 326 History and Principles of Physical Education. A course designed to provide the professional student an overview of the body of knowledge encompassing the discipline of physical education. Historical, psychological, biological, and sociological foundations of human movement are studied.

5 quarter hours

PE 327 Exercise Physiology. A course designed to provide the student an opportunity to develop a better understanding of the effects of exercise on body systems, factors affecting performance, and the role of physical education in health related fitness.

5 quarter hours

PE 333 Care and Prevention of Athletic Injuries. A course designed to familiarize students with the most prevalent athletic injuries, their anatomical explanation and physiological complications, and treatment of such injuries.

3 quarter hours

PE 350 Physical Education for the Exceptional Child. A course designed to provide students with the information necessary to understand, evaluate, and develop programs of physical activities to meet the special needs, interests and abilities of exceptional children and youth.

5 quarter hours

PE 352 Basic CPR and Instructor's Course. A course designed to inform students about the basic principles of coronary pulmonary resuscitation and to provide training in the procedures of administering CPR. Prepare the student to become a CPR instructor. (American Red Cross/Heart Association certification is awarded for the successful completion of this course).

3 quarter hours

PE 354 Basic Health. A course dealing with problems of personal and community health, designed to assist students in developing a broad understanding of their obligation to themselves and society in matters of health.

5 quarter hours

PE 400 Organization and Administration of Physical Education. A course designed to provide the professional student theoretical and practical information about specific aspects of the process of organizing and administering physical education and athletic programs.

5 quarter hours

PE 401 Measurement and Evaluation in Physical Education. Included in this course is the study of theory of measurement in physical education, the selection and administration of appropriate tests, the interpretation of test results by fundamental statistical procedures.

5 quarter hours

PE 402 School and Community Recreation. A course designed to teach the student the philosophy, and purpose of recreation. Deals with the organization and administration of all aspects of a recreation program in the school and community.

5 quarter hours

PE 415 The School Health Program. Consideration is given to the organization of the total school health program involving health services, healthful school living, and health instruction. Content, methods, and materials suitable for grades N-12 are stressed.

5 quarter hours

PE 430 Materials and Methods of Teaching Physical Education in the Elementary School. A course designed to study source materials, planning and organizing instruction, selection of suitable activities, and preparation of teaching units for physical education in the elementary school. Prerequisite: Admission to Teacher Education.

5 quarter hours

PE 431 Motor Development and Physical Activity. A course designed for the student studying child development and early childhood education. The role of physical activity in motor development and its relationship to all other development is investigated.

5 quarter hours

PE 440 Methods and Materials of Teaching Physical Education in High School. Emphasis is placed on approved teaching techniques, theories of learning, characteristics of high school students, planning for instruction, instructional management and selection of learning activities. Lesson planning and unit construction are an important part of this course.

5 quarter hours

PE 451 Health Curriculum. A course designed to give the student an understanding of the development and implementation of a Health Instruction Program based on the needs and interests of students in grades N-12.

5 quarter hours

PE 460 Methods and Materials of Teaching Health in the Elementary School. A course designed to study source materials, planning and organizing instruction, selection of suitable activities, and preparation of teaching units for health education in the elementary school.

5 quarter hours

ADMINISTRATIVE OFFICERS

James R. Chasteen, B.A., M.A., Ed.S., Ed.D., President
James A. Milner, A.B., M.A., Ph.D., Dean of the College
Larry W. McCoy, B.S., M.A., Ed.D. Assistant Dean
for Academic and Student Services
Ewell P. Smith, B.S., M.A. Business Manager and Treasurer

ADMINISTRATIVE STAFF

James D. Ballew, B.S., M.A., L.Sc., Graduate Study
at Georgia Tech Director of Library
Oba E. Belcher, B.S., M.Ed., additional study at
George Peabody College, University of Alabama Director of
Extended Day Services
Barbara J. Brooks, A.B., M.A., additional study at the University of
Alabama and Auburn University Coordinator of Curriculum Lab
Robert Burkhart, B.A., M.S., L.Sc., Assistant Librarian
and Head of Library Technical Services
Betty Jo Fuller, B.S., M.S., additional study at
New York University and Florida State Chair, Department of
Physical Education, Campus Recreation and Intramurals
Trannie Gordon, B.S. Ed., Graduate Study at Alabama
A & M University ... Coordinator for Student Activities, Alumni Affairs
Arnold Green, B.S., Juris Doctor Candidate Miles College
School of Law Coordinator Redstone Arsenal
Vesa Holmes Maintenance Supervisor
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